

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077444.D
 Acq On : 25 Feb 2015 20:15
 Operator : IZ / TP
 Sample : G1358-02MSD
 Misc : S/DOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

Quant Time: Feb 26 03:40:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	94639	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	369617	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	192312	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	371517	20.00	ng	-0.01
75) Chrysene-d12	16.17	240	409977	20.00	ng	-0.01
86) Perylene-d12	17.89	264	399655	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	461895	81.48	ng	0.00
7) Phenol-d6	6.84	99	587003	80.54	ng	0.00
23) Nitrobenzene-d5	7.97	82	329620	55.46	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	167394	90.40	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	726830	58.93	ng	0.00
78) Terphenyl-d14	14.88	244	885327	50.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	51052	21.22	ng	97
3) Pyridine	2.98	79	149879	21.78	ng	96
4) n-Nitrosodimethylamine	2.90	42	68360	22.85	ng	98
6) Aniline	6.88	93	121428	12.05	ng	97
8) 2-Chlorophenol	7.01	128	167646	25.07	ng	99
10) Phenol	6.85	94	209762	24.26	ng	89
11) bis(2-Chloroethyl)ether	6.98	93	152518	24.54	ng	99
12) 1,3-Dichlorobenzene	7.21	146	174398	23.95	ng	96
13) 1,4-Dichlorobenzene	7.31	146	181752	24.53	ng	99
14) 1,2-Dichlorobenzene	7.49	146	174972	24.83	ng	99
15) Benzyl Alcohol	7.47	79	137480	24.81	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.65	45	208939	23.52	ng	99
17) 2-Methylphenol	7.61	107	135441	25.91	ng	97
18) Hexachloroethane	7.92	117	59682	24.12	ng	90
19) n-Nitroso-di-n-propylamine	7.80	70	121948	26.35	ng	96
20) 3+4-Methylphenols	7.80	107	174211	25.30	ng	# 84
22) Acetophenone	7.79	105	226336	26.03	ng	# 93
24) Nitrobenzene	8.00	77	163401	26.13	ng	# 82
25) Isophorone	8.30	82	301674	25.58	ng	# 95
26) 2-Nitrophenol	8.40	139	83124	32.43	ng	94
27) 2,4-Dimethylphenol	8.45	122	150608	26.26	ng	95
28) bis(2-Chloroethoxy)methane	8.58	93	191937	25.76	ng	96
29) 2,4-Dichlorophenol	8.69	162	140352	26.07	ng	98
30) 1,2,4-Trichlorobenzene	8.80	180	153071	25.87	ng	100
31) Naphthalene	8.89	128	477112	25.81	ng	99
32) Benzoic acid	8.53	122	53769	19.30	ng	93
33) 4-Chloroaniline	8.96	127	102389	12.46	ng	# 88
34) Hexachlorobutadiene	9.05	225	85705	25.37	ng	100
35) Caprolactam	9.38	113	38408	23.37	ng	# 80
36) 4-Chloro-3-methylphenol	9.56	107	145138	26.82	ng	91
37) 2-Methylnaphthalene	9.74	142	353876	26.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	145497	26.37	ng	98
40) Hexachlorocyclopentadiene	9.94	237	159867	54.03	ng	98
42) 2,4,6-Trichlorophenol	10.10	196	106003	29.01	ng	99

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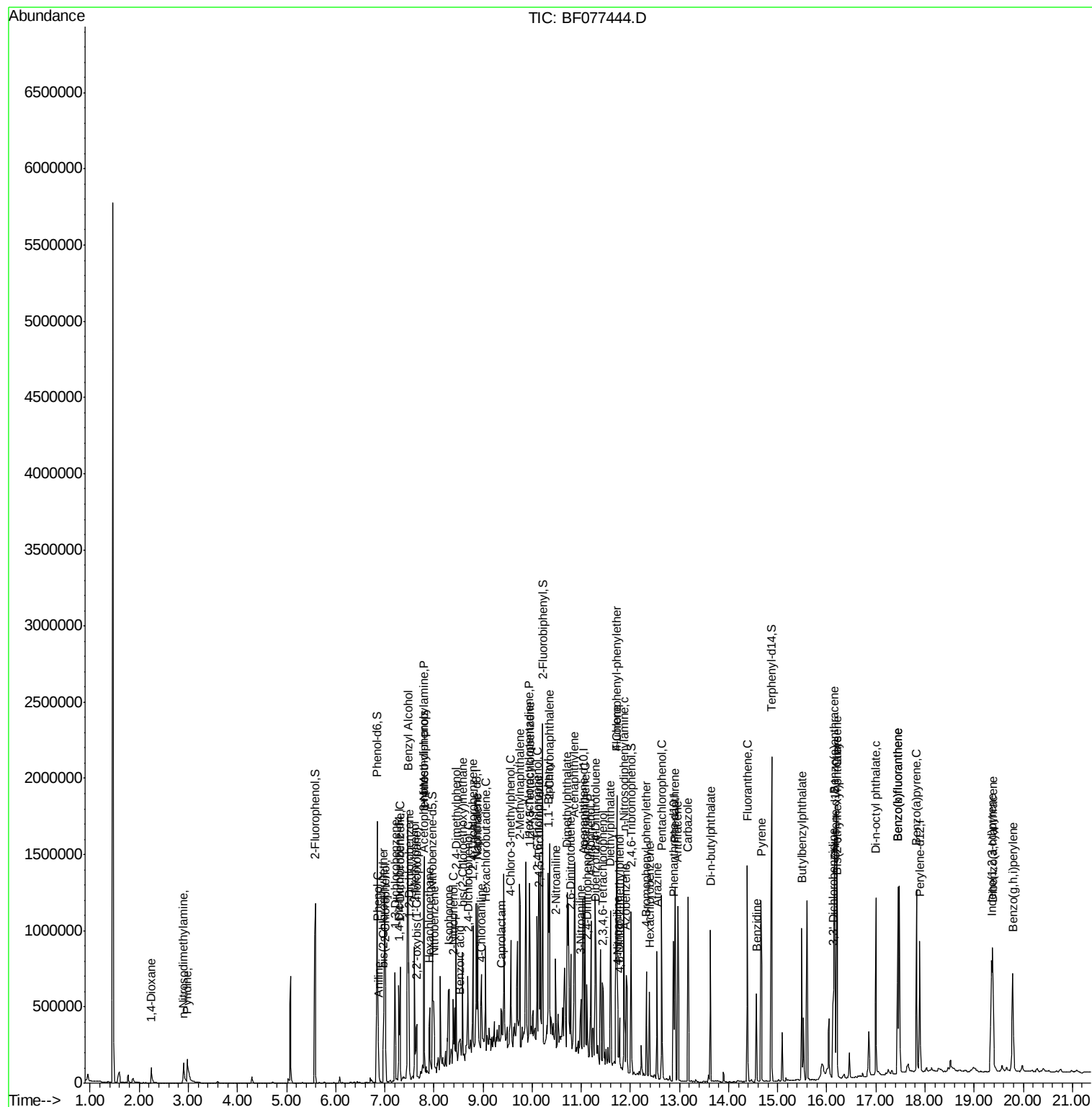
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.14	196	111310	28.49	ng	# 93
45) 1,1'-Biphenyl	10.33	154	395867	27.17	ng	97
46) 2-Chloronaphthalene	10.35	162	310302	27.16	ng	98
47) 2-Nitroaniline	10.48	65	82549	29.35	ng	91
48) Acenaphthylene	10.87	152	509903	28.19	ng	100
49) Dimethylphthalate	10.72	163	388864	28.77	ng	99
50) 2,6-Dinitrotoluene	10.79	165	80329	29.63	ng	# 55
51) Acenaphthene	11.08	154	289208	26.79	ng	99
52) 3-Nitroaniline	10.99	138	71160	22.77	ng	83
53) 2,4-Dinitrophenol	11.12	184	54493	66.06	ng	# 59
54) Dibenzofuran	11.30	168	455398	27.32	ng	95
55) 4-Nitrophenol	11.20	139	142094	56.52	ng	# 69
56) 2,4-Dinitrotoluene	11.29	165	110109	30.06	ng	# 94
57) Fluorene	11.72	166	375621	28.19	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.45	232	90934	28.95	ng	# 99
59) Diethylphthalate	11.60	149	364226	27.33	ng	96
60) 4-Chlorophenyl-phenylether	11.72	204	168014	26.17	ng	# 87
61) 4-Nitroaniline	11.75	138	91289	30.47	ng	86
62) Azobenzene	11.92	77	337512	26.69	ng	93
64) 4,6-Dinitro-2-methylphenol	11.78	198	42448	30.13	ng	# 65
65) n-Nitrosodiphenylamine	11.87	169	320547	26.00	ng	100
66) 4-Bromophenyl-phenylether	12.33	248	105740	24.31	ng	# 83
67) Hexachlorobenzene	12.40	284	115297	24.69	ng	# 81
68) Atrazine	12.55	200	104278	26.02	ng	97
69) Pentachlorophenol	12.64	266	136332	55.55	ng	99
70) Phenanthrene	12.91	178	557206	25.88	ng	99
71) Anthracene	12.97	178	548703	25.68	ng	99
72) Carbazole	13.17	167	522619	25.72	ng	99
73) Di-n-butylphthalate	13.63	149	604429	25.33	ng	98
74) Fluoranthene	14.39	202	631535	26.85	ng	99
76) Benzidine	14.57	184	339794	24.53	ng	97
77) Pyrene	14.66	202	637722	25.43	ng	99
79) Butylbenzylphthalate	15.49	149	272038	26.37	ng	98
80) Benzo(a)anthracene	16.16	228	628731	26.17	ng	99
81) 3,3'-Dichlorobenzidine	16.13	252	171208	19.45	ng	99
82) Chrysene	16.20	228	565026	25.04	ng	97
83) Bis(2-ethylhexyl)phthalate	16.21	149	378353	22.87	ng	99
84) Di-n-octyl phthalate	17.00	149	663855	24.03	ng	100
85) Indeno(1,2,3-cd)pyrene	19.36	276	660671	25.68	ng	99
87) Benzo(b)fluoranthene	17.45	252	585860	25.21	ng	# 98
88) Benzo(k)fluoranthene	17.45	252	585817	25.72	ng	# 97
89) Benzo(a)pyrene	17.83	252	579184	26.17	ng	98
90) Dibenzo(a,h)anthracene	19.38	278	530600	25.14	ng	99
91) Benzo(g,h,i)perylene	19.79	276	559178	26.25	ng	# 93

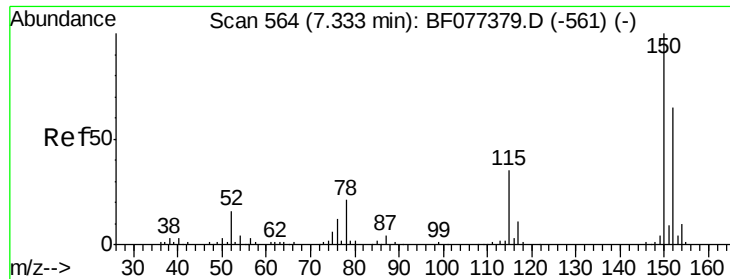
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

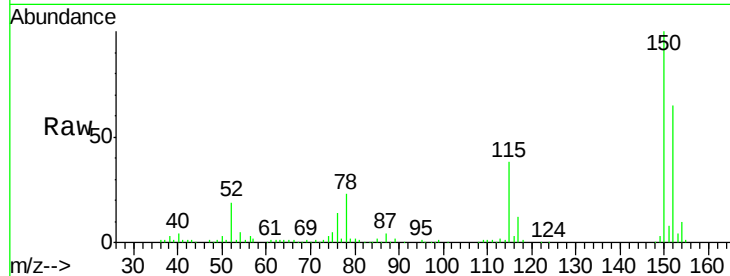
Tgt Ion:152 Resp: 94639

Ion Ratio Lower Upper

152 100

150 154.9 124.0 186.0

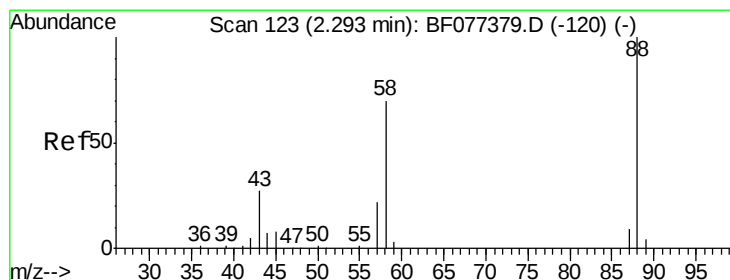
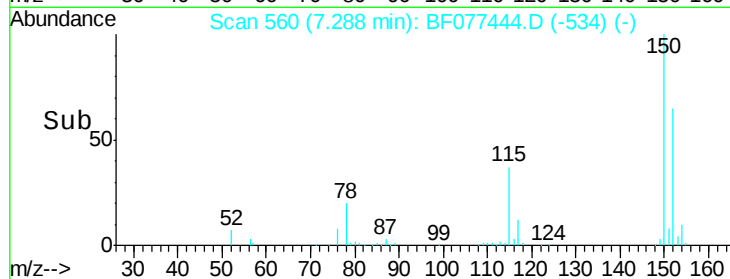
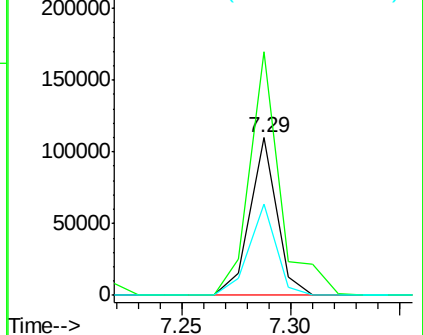
115 58.3 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 21.22 ng

RT: 2.25 min Scan# 119

Delta R.T. 0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

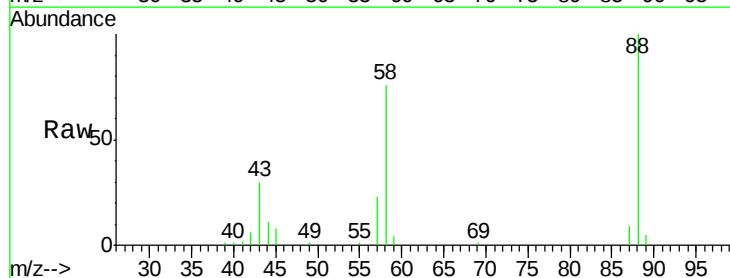
Tgt Ion: 88 Resp: 51052

Ion Ratio Lower Upper

88 100

58 73.8 62.1 93.1

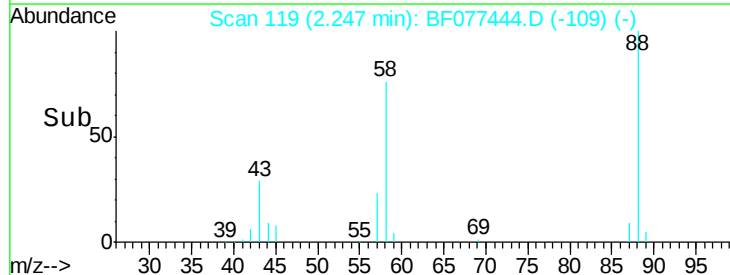
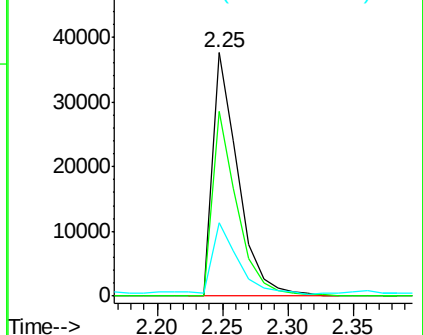
43 30.4 24.0 36.0

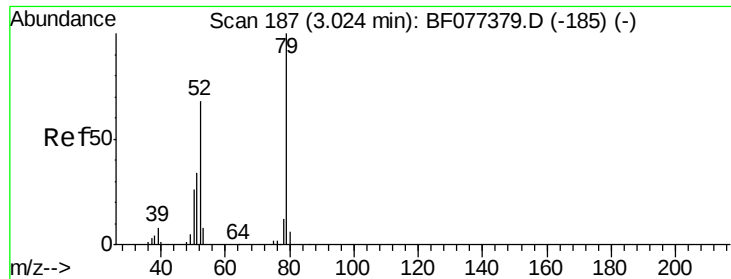


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

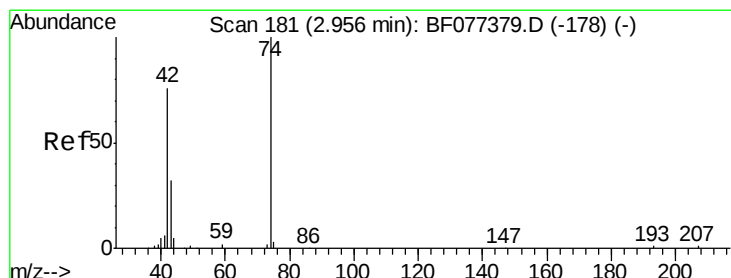
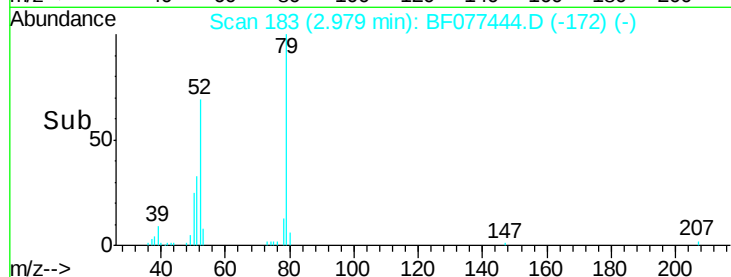
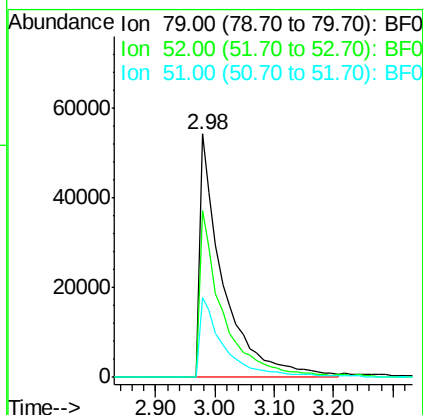
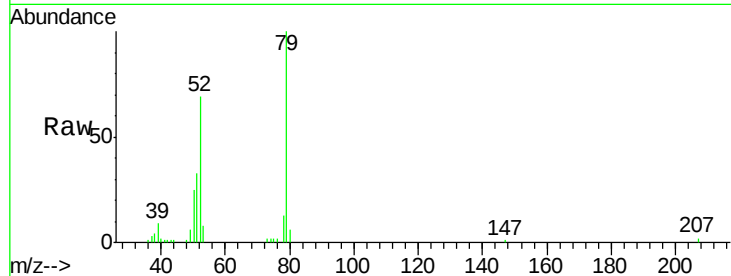




#3
 Pyridine
 Concen: 21.78 ng
 RT: 2.98 min Scan# 183
 Delta R.T. 0.02 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

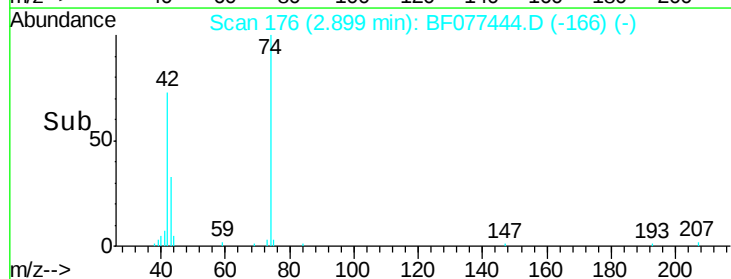
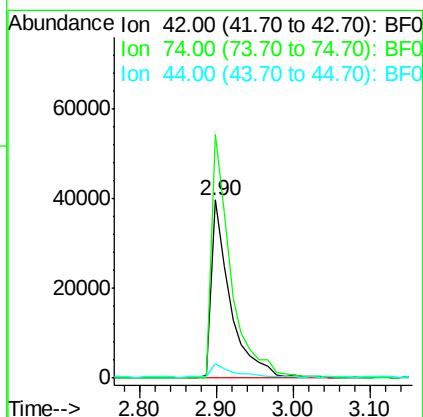
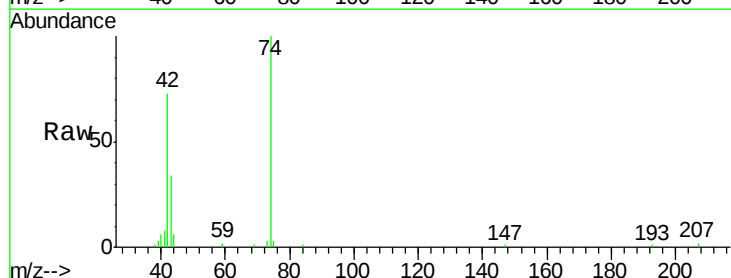
Instrument :
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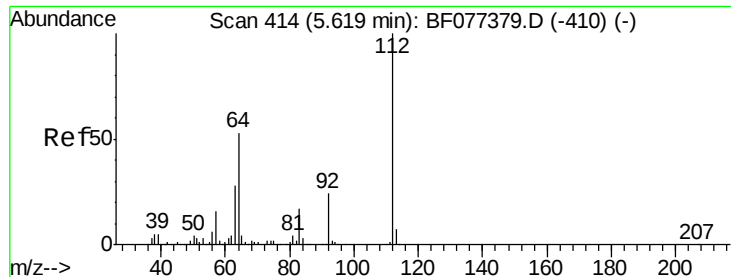
Tgt Ion: 79 Resp: 149879
 Ion Ratio Lower Upper
 79 100
 52 68.5 57.7 86.5
 51 32.9 28.5 42.7



#4
 n-Nitrosodimethylamine
 Concen: 22.85 ng
 RT: 2.90 min Scan# 176
 Delta R.T. 0.01 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion: 42 Resp: 68360
 Ion Ratio Lower Upper
 42 100
 74 136.6 107.1 160.7
 44 8.1 6.7 10.1





#5

2-Fluorophenol

Concen: 81.48 ng

RT: 5.58 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

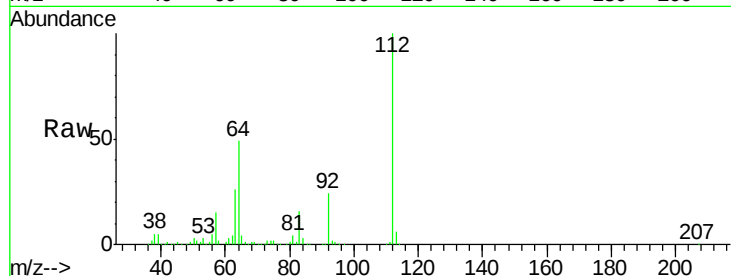
Tgt Ion: 112 Resp: 461895

Ion Ratio Lower Upper

112 100

64 48.7 48.5 72.7

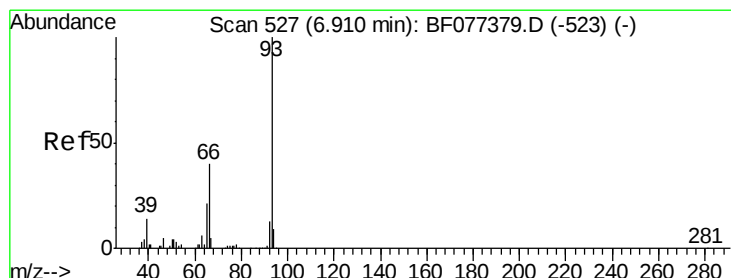
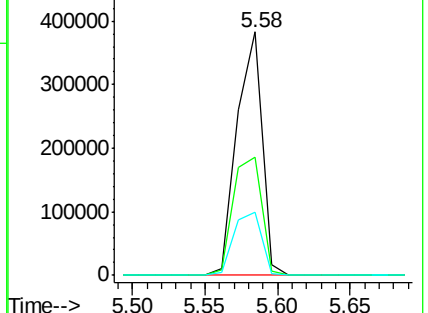
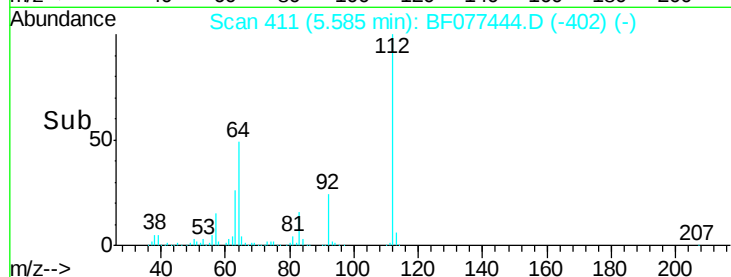
63 25.8 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.05 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

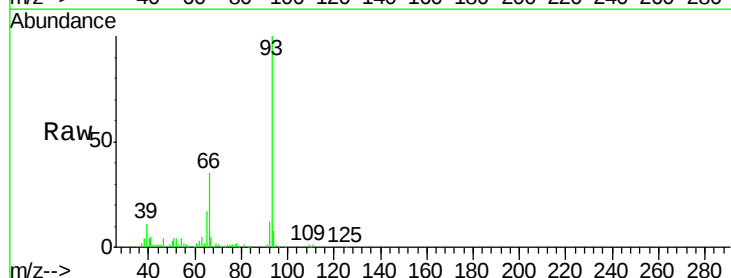
Tgt Ion: 93 Resp: 121428

Ion Ratio Lower Upper

93 100

66 34.7 29.1 43.7

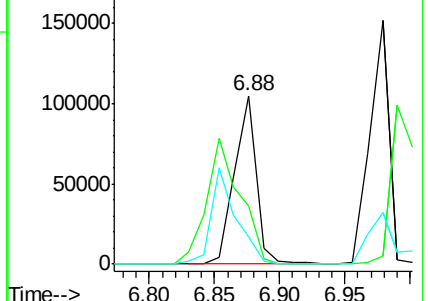
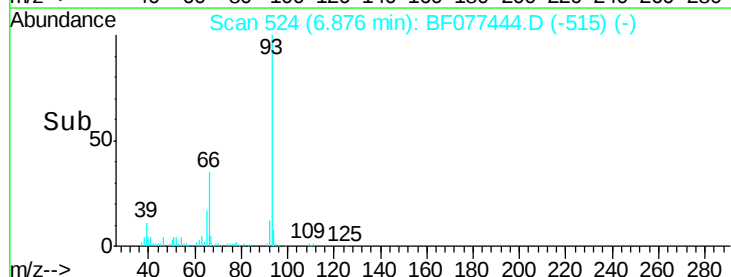
65 16.6 14.6 22.0

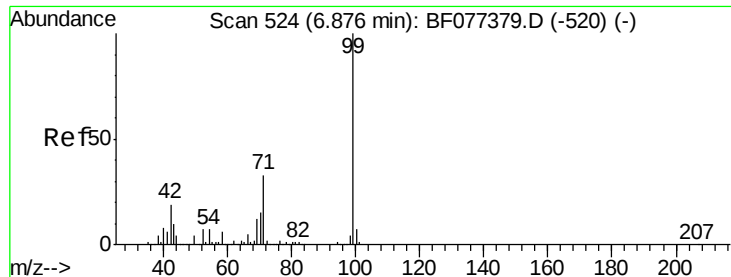


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.54 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

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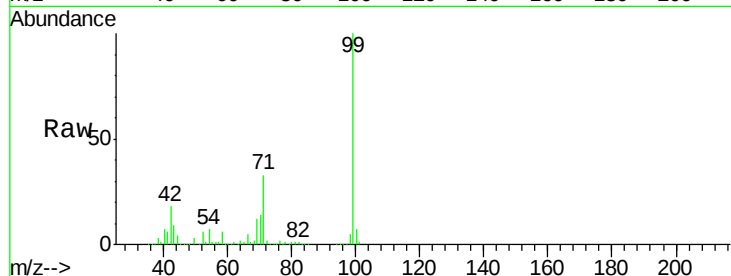
Tgt Ion: 99 Resp: 587003

Ion Ratio Lower Upper

99 100

42 17.9 16.2 24.4

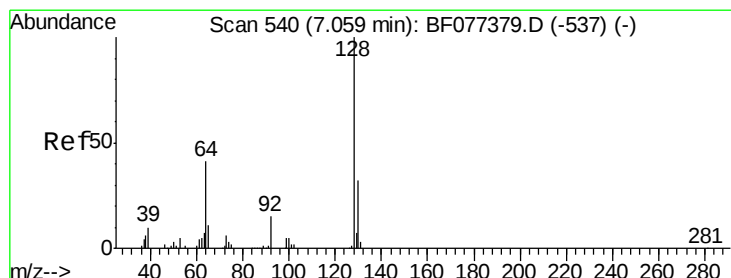
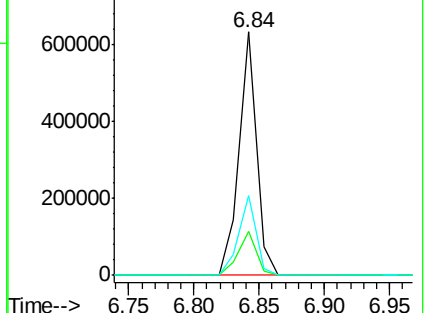
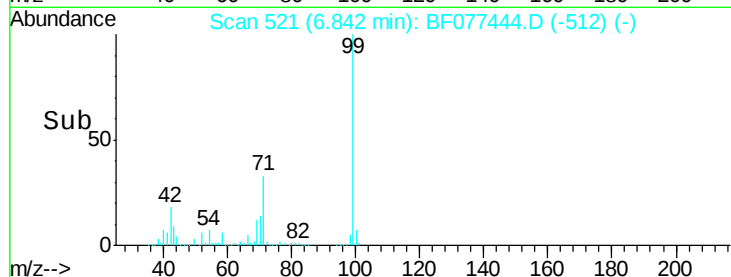
71 32.6 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.07 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077444.D

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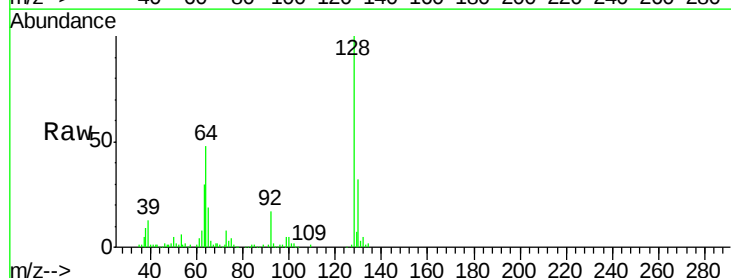
Tgt Ion: 128 Resp: 167646

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

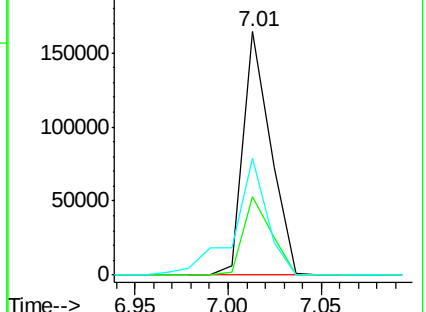
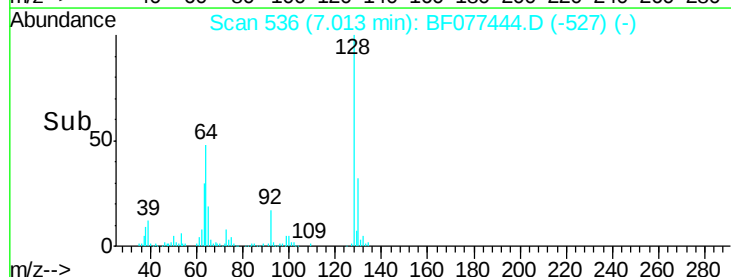
64 48.2 29.2 69.2

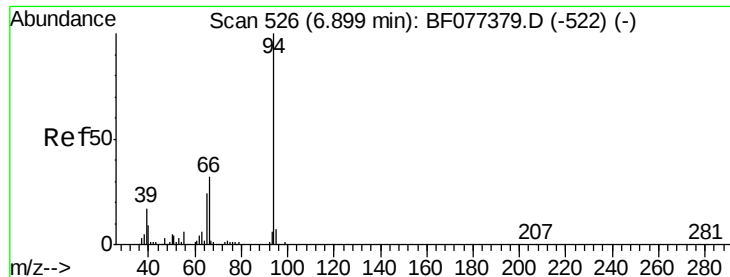


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 24.26 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

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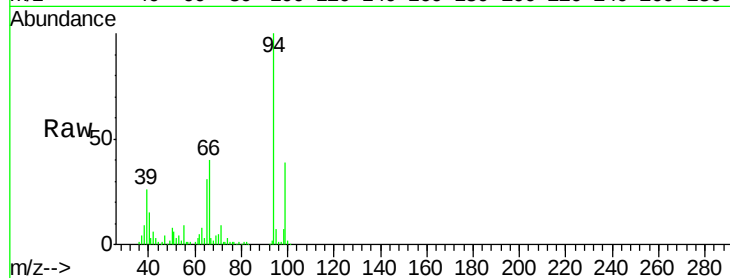
Tgt Ion: 94 Resp: 209762

Ion Ratio Lower Upper

94 100

65 30.8 5.7 45.7

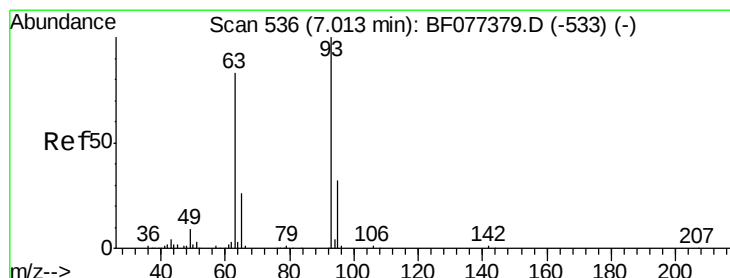
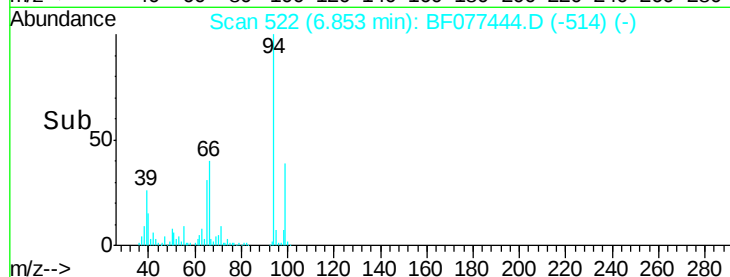
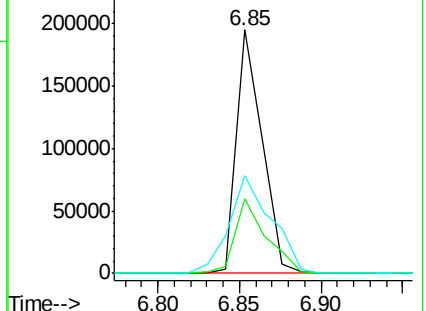
66 40.0 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 24.54 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

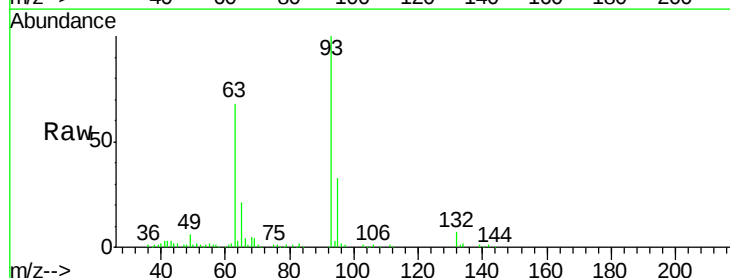
Tgt Ion: 93 Resp: 152518

Ion Ratio Lower Upper

93 100

63 68.4 48.7 88.7

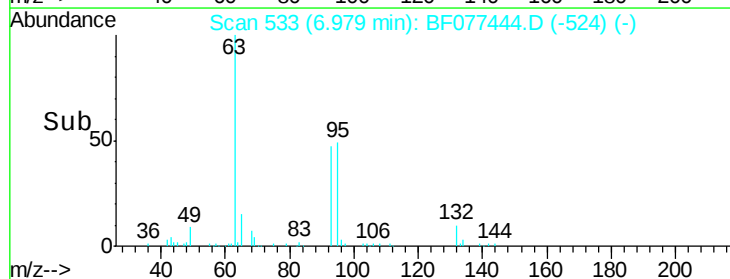
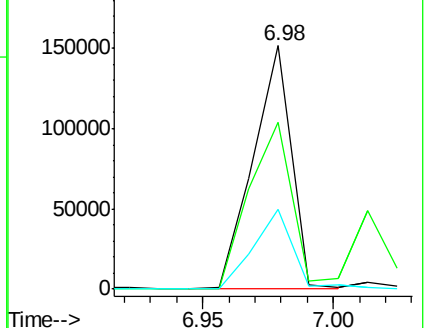
95 32.9 13.6 53.6

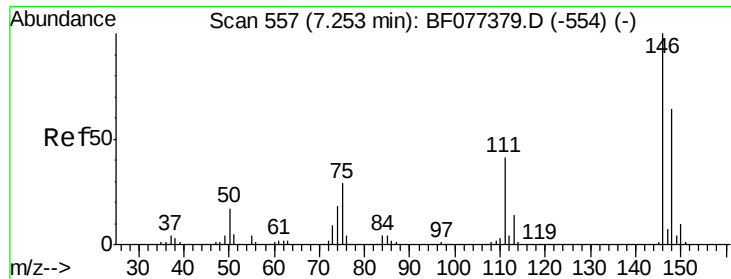


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

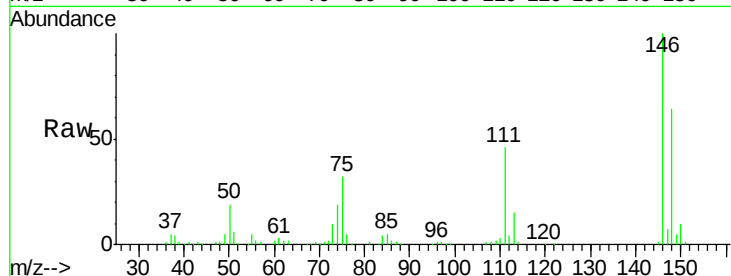




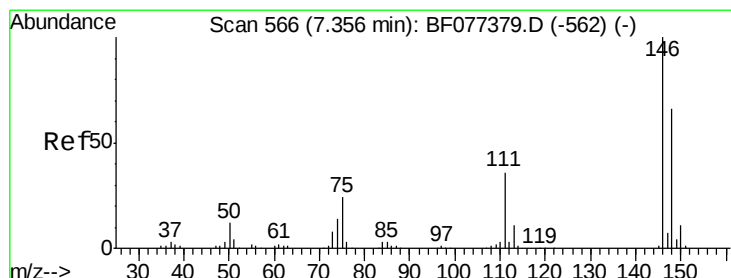
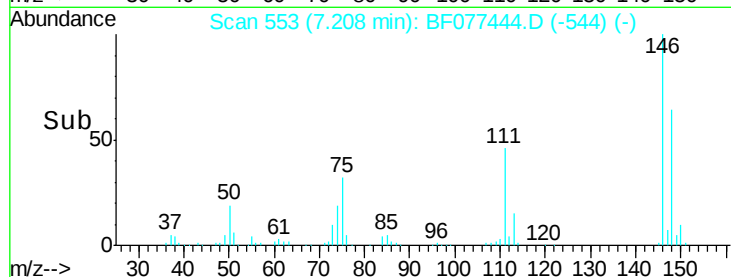
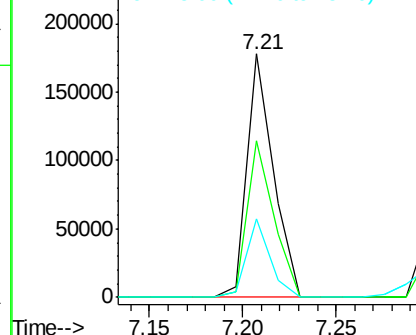
#12
 1,3-Dichlorobenzene
 Concen: 23.95 ng
 RT: 7.21 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.8	74.8
75	32.0	28.2	42.4

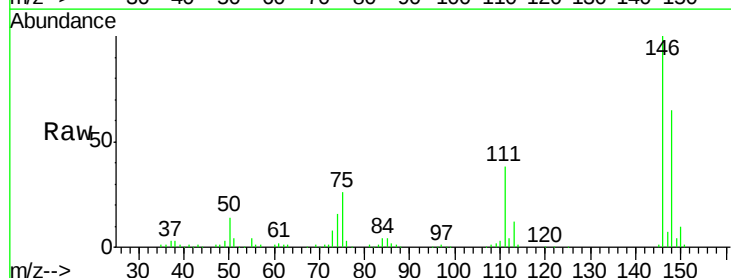


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

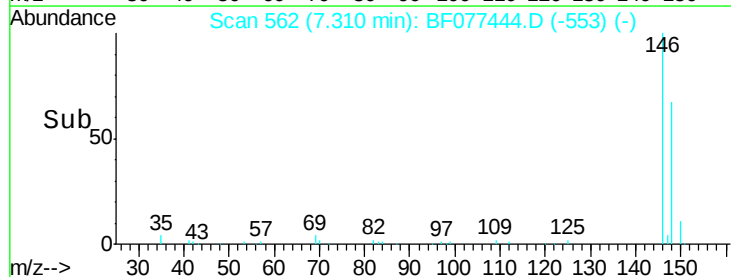
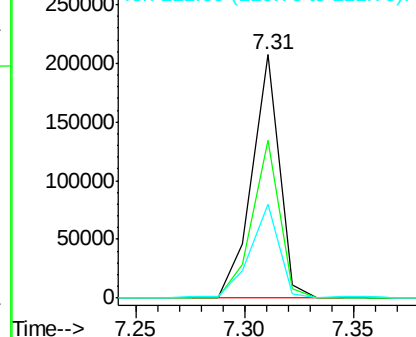


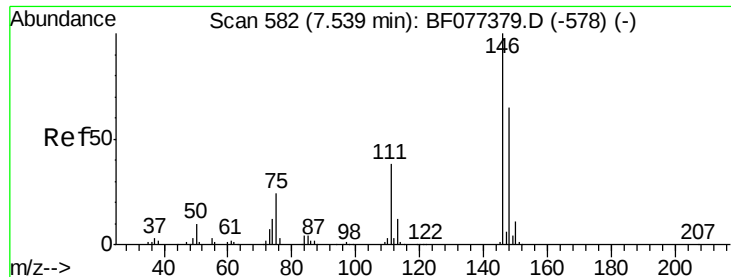
#13
 1,4-Dichlorobenzene
 Concen: 24.53 ng
 RT: 7.31 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	38.4	31.9	47.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 24.83 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

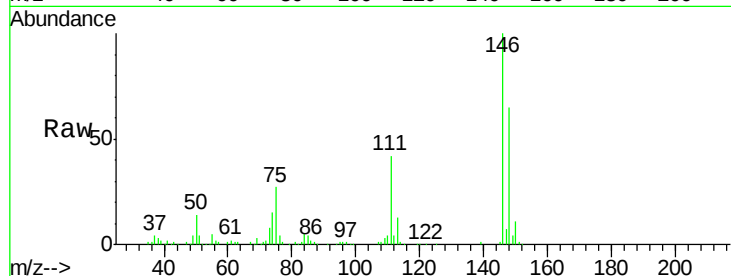
Tgt Ion:146 Resp: 174972

Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

111 42.2 34.2 51.2

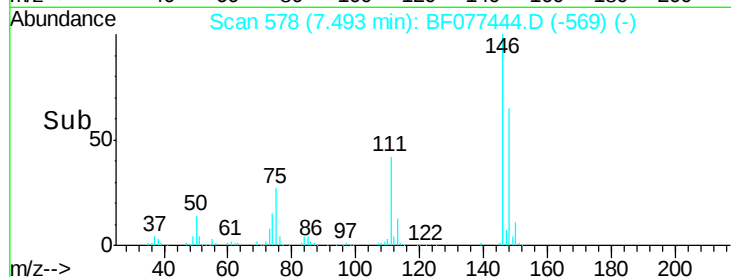


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

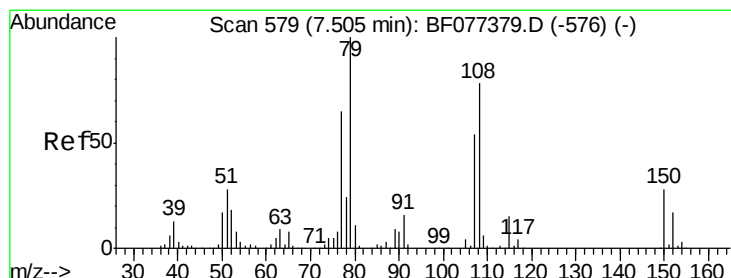
Ion 111.00 (110.70 to 111.70): E

Time-->



7.49

Time-->



#15

Benzyl Alcohol

Concen: 24.81 ng

RT: 7.47 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

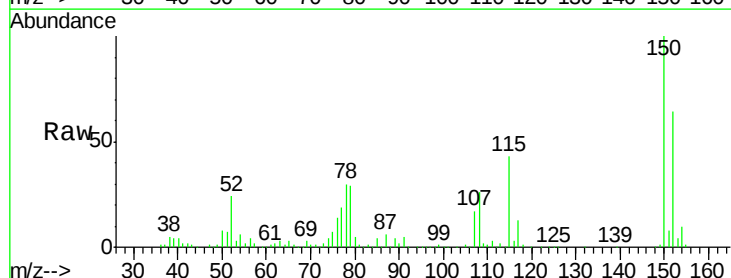
Tgt Ion: 79 Resp: 137480

Ion Ratio Lower Upper

79 100

108 88.4 58.3 87.5#

77 65.6 51.3 76.9

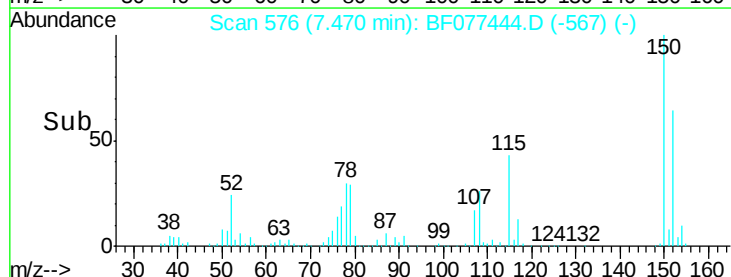


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

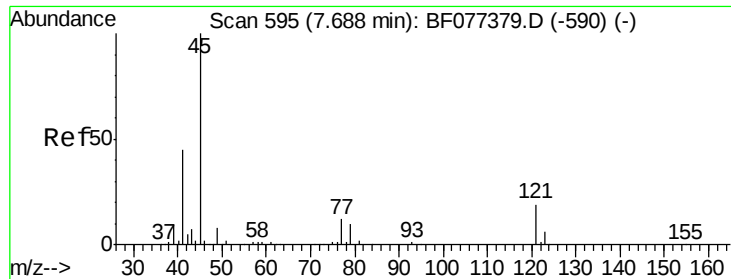
Ion 77.00 (76.70 to 77.70): BF0

Time-->



7.47

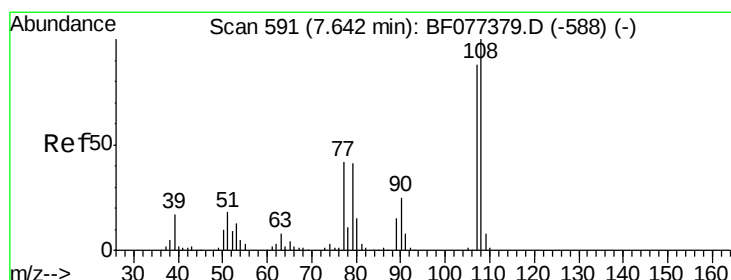
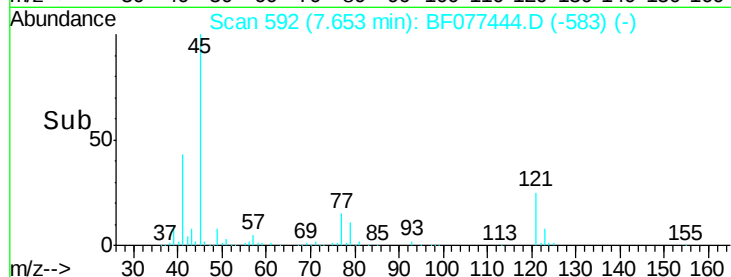
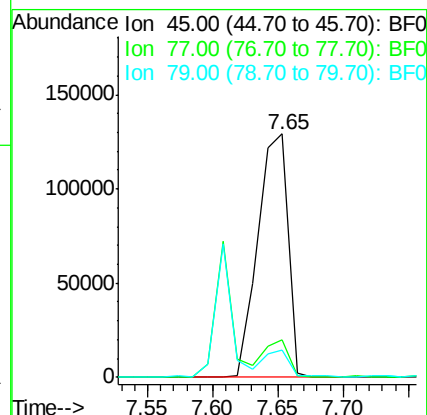
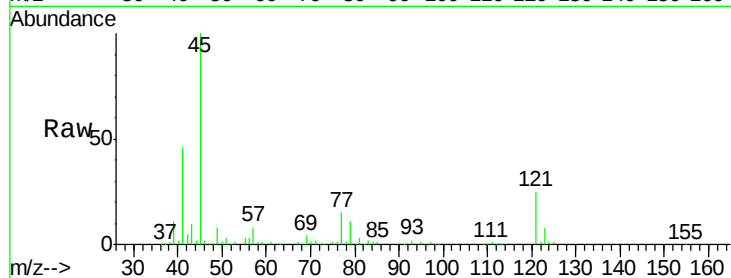
Time-->



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.52 ng
RT: 7.65 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

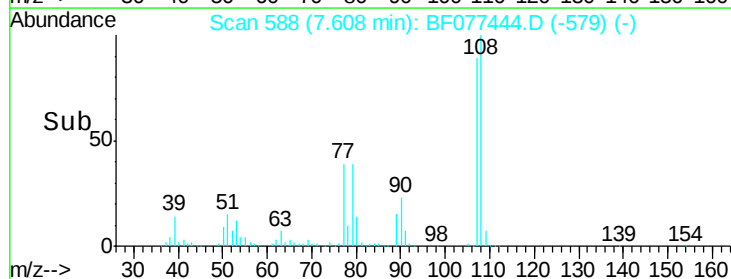
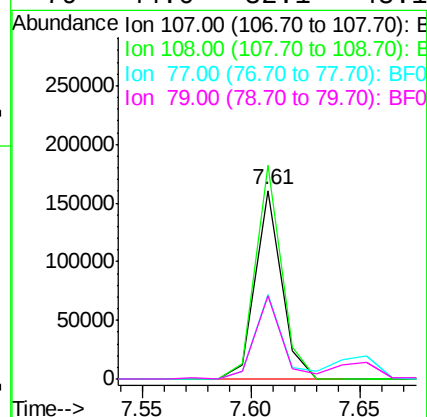
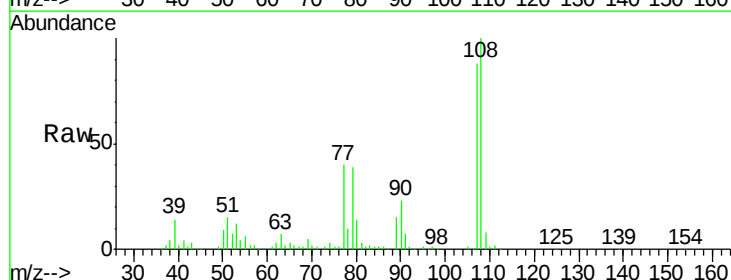
Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

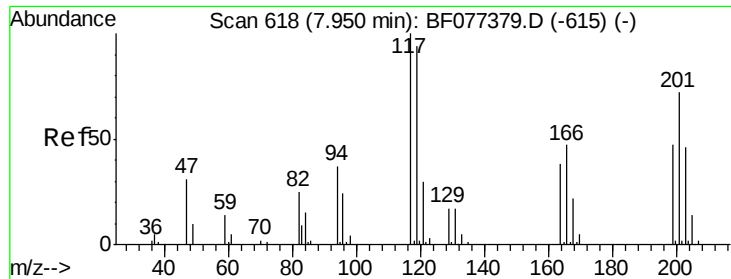
Tgt Ion: 45 Resp: 208939
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 11.4 0.0 31.5



#17
2-Methylphenol
Concen: 25.91 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion: 107 Resp: 135441
Ion Ratio Lower Upper
107 100
108 113.1 91.2 136.8
77 44.8 33.6 50.4
79 44.0 32.1 48.1

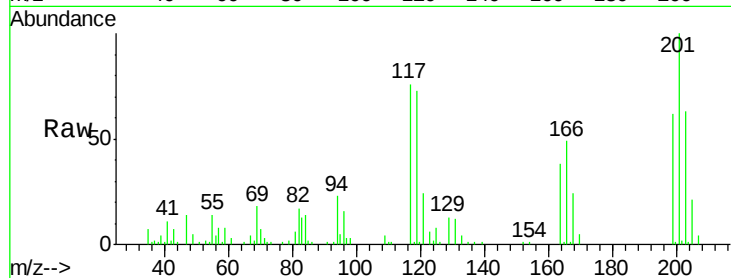




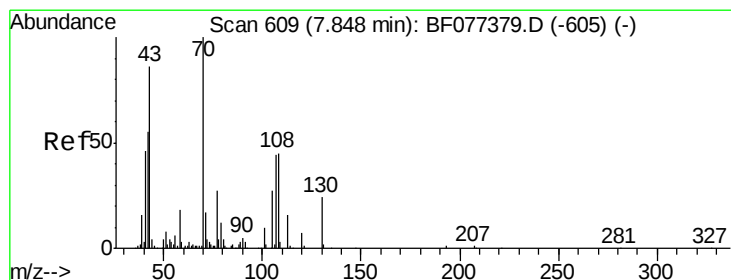
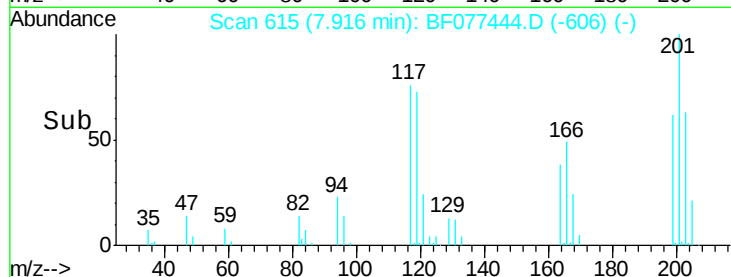
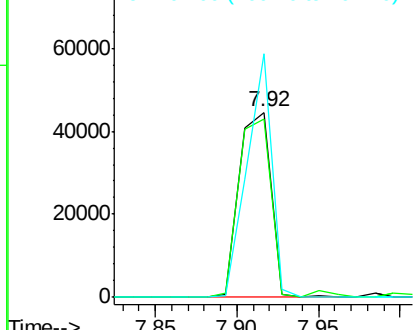
#18
Hexachloroethane
Concen: 24.12 ng
RT: 7.92 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion: 117 Resp: 59682
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8
201 131.8 90.6 136.0



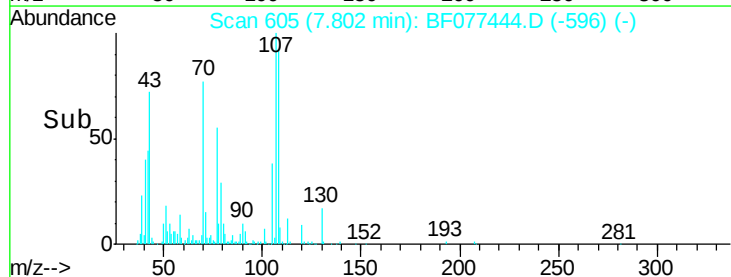
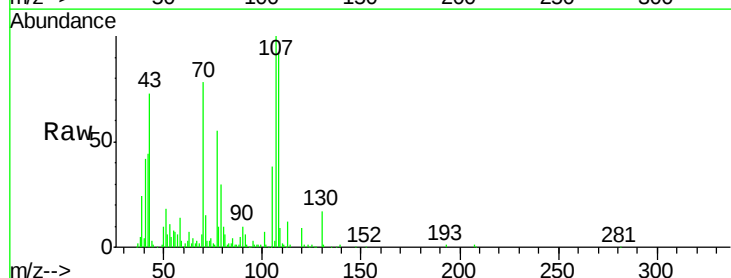
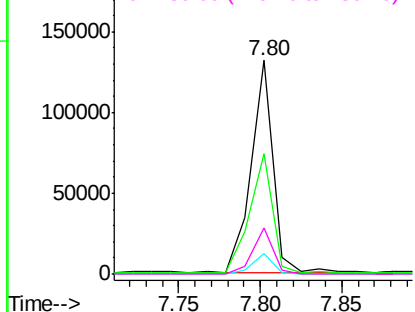
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

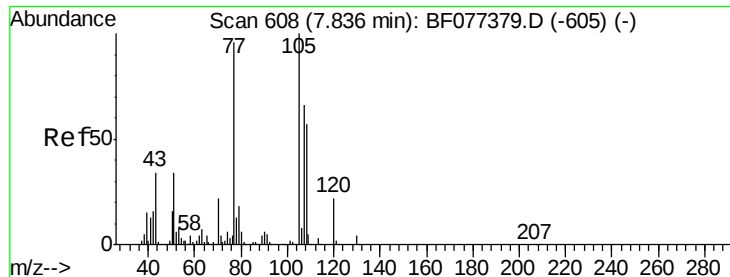


#19
n-Nitroso-di-n-propylamine
Concen: 26.35 ng
RT: 7.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion: 70 Resp: 121948
Ion Ratio Lower Upper
70 100
42 56.4 48.3 72.5
101 9.5 7.5 11.3
130 21.8 16.7 25.1

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 25.30 ng

RT: 7.80 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

Tgt Ion:107 Resp: 174211

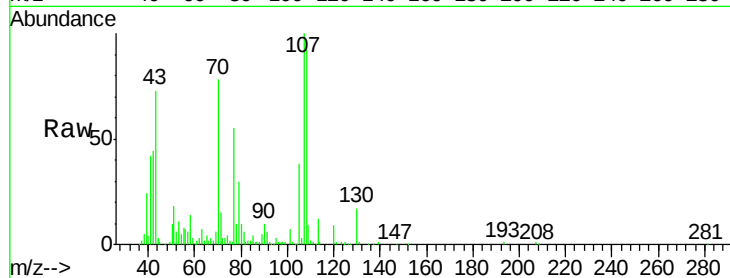
Ion Ratio Lower Upper

107 100

108 92.0 76.8 116.8

77 54.7 65.8 105.8#

79 29.6 9.6 49.6

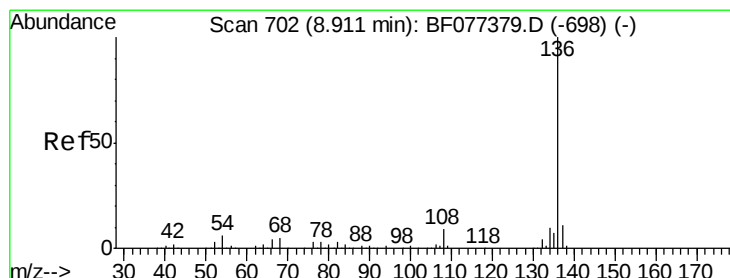
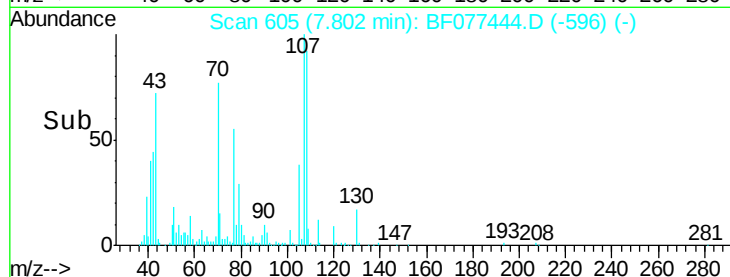
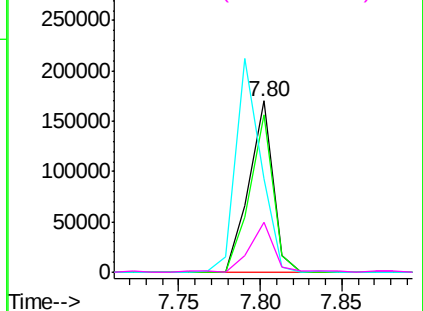


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Tgt Ion:136 Resp: 369617

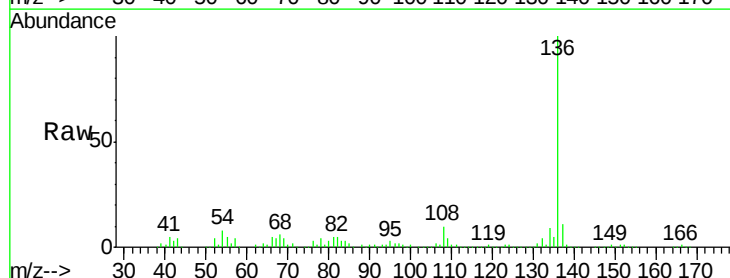
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 7.6 6.2 9.4

68 6.5 5.0 7.6

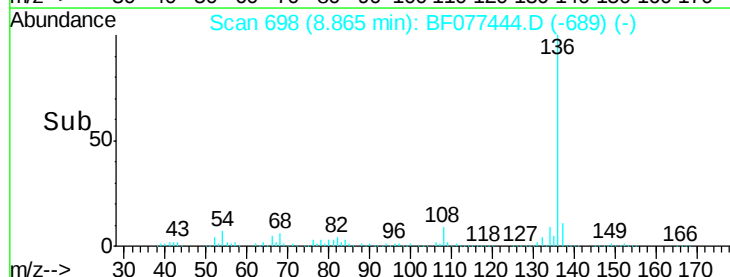
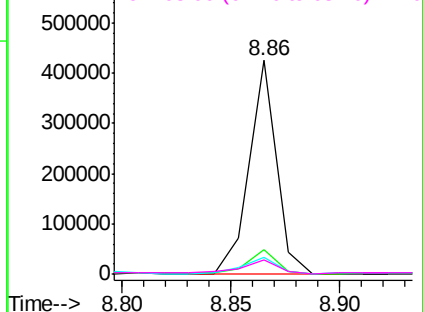


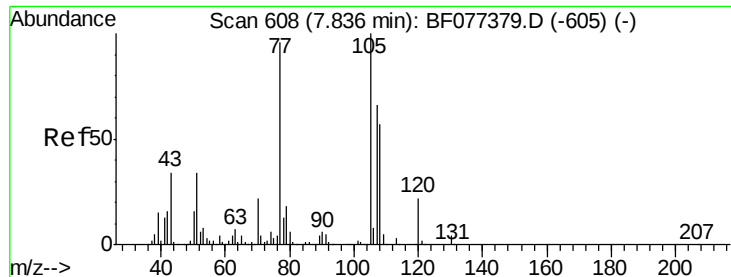
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

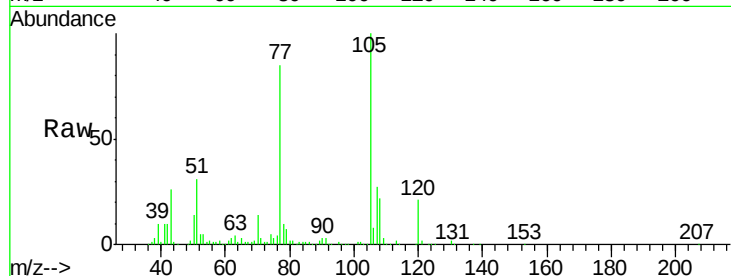




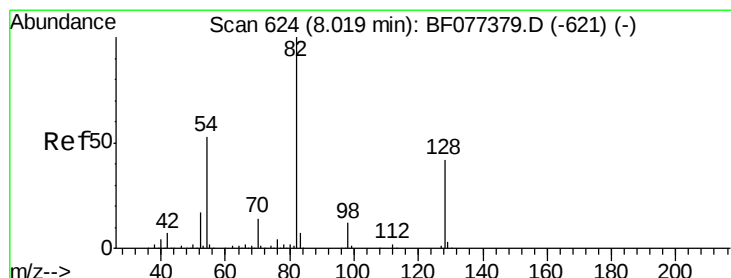
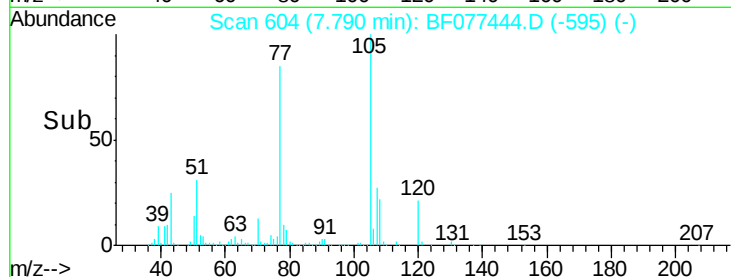
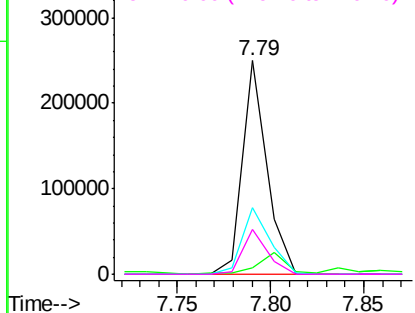
#22
Acetophenone
Concen: 26.03 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion: 105 Resp: 226336
Ion Ratio Lower Upper
105 100
71 2.7 1.7 2.5#
51 31.4 30.7 46.1
120 21.0 16.7 25.1

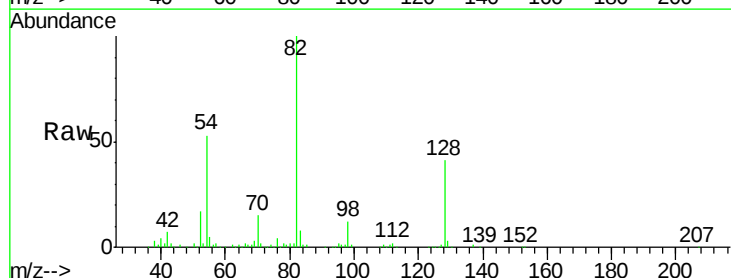


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

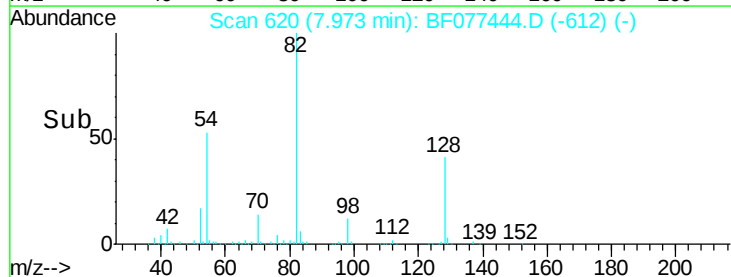
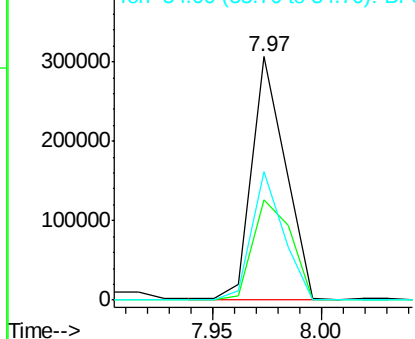


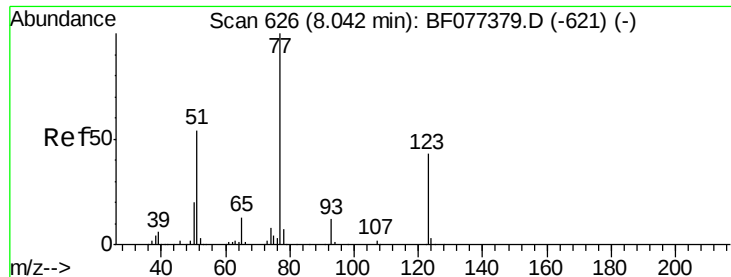
#23
Nitrobenzene-d5
Concen: 55.46 ng
RT: 7.97 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion: 82 Resp: 329620
Ion Ratio Lower Upper
82 100
128 41.2 43.8 65.8#
54 52.9 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

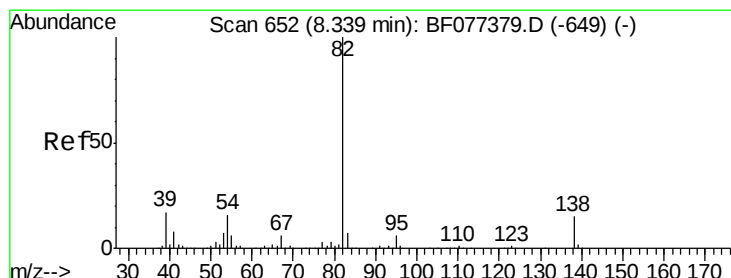
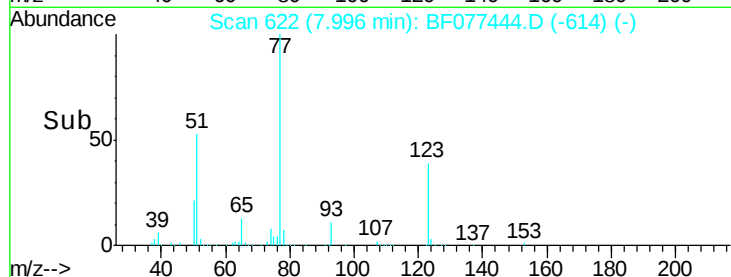
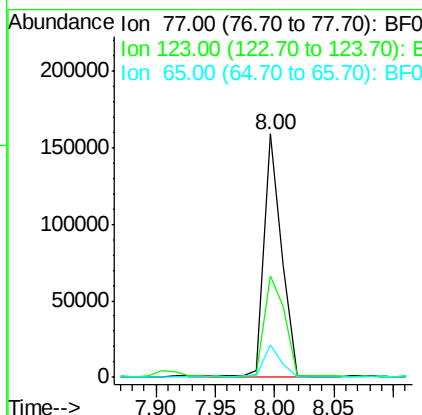
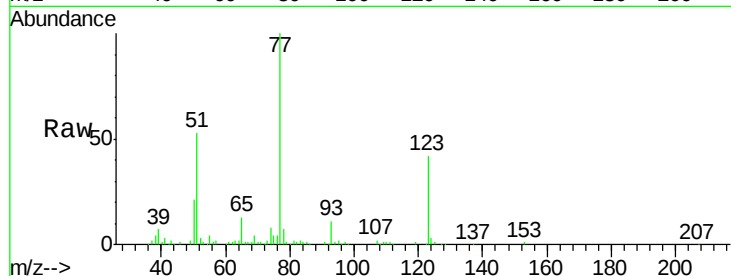




#24
Nitrobenzene
Concen: 26.13 ng
RT: 8.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

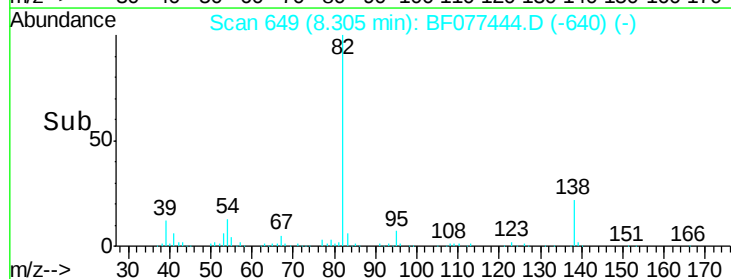
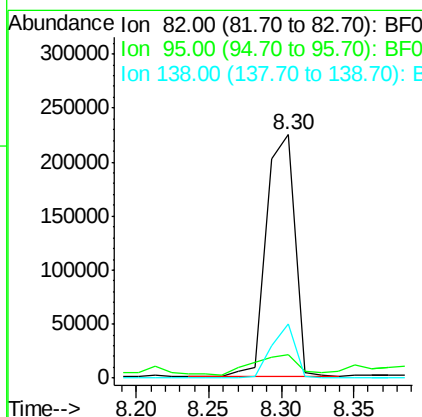
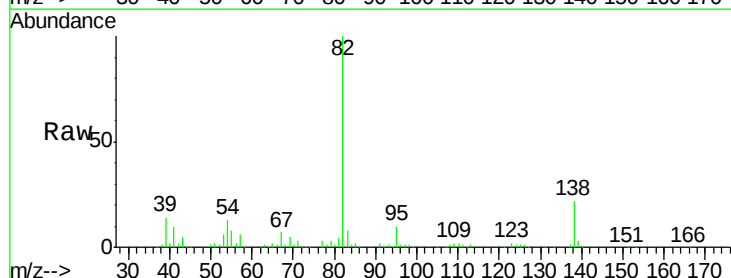
Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

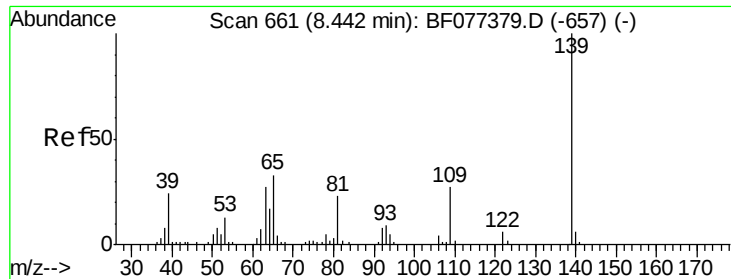
Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	45.9	68.9#
65	13.5	9.5	14.3



#25
Isophorone
Concen: 25.58 ng
RT: 8.30 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.7	5.4	8.2#
138	22.3	16.3	24.5

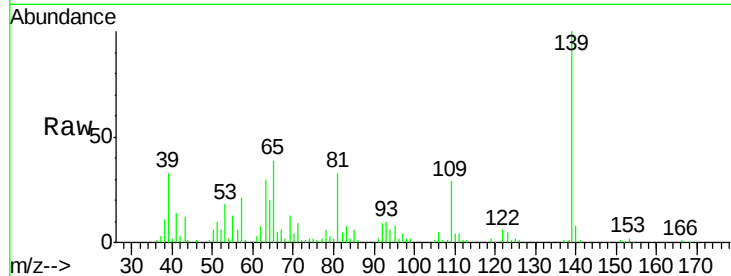




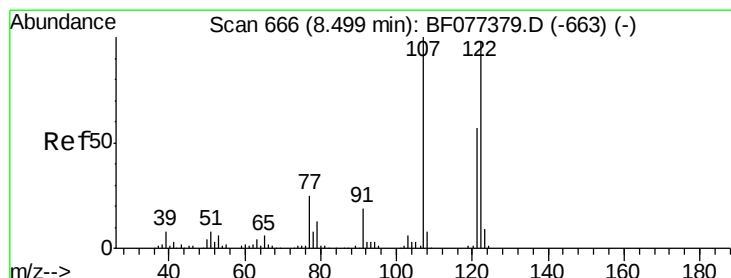
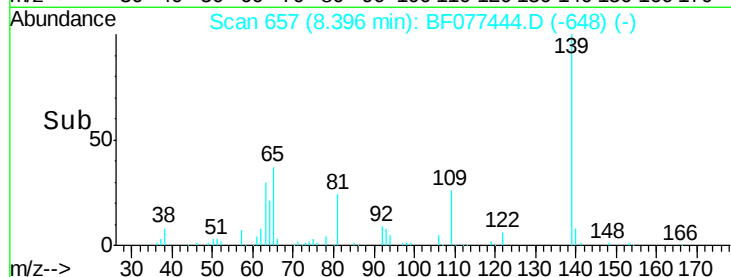
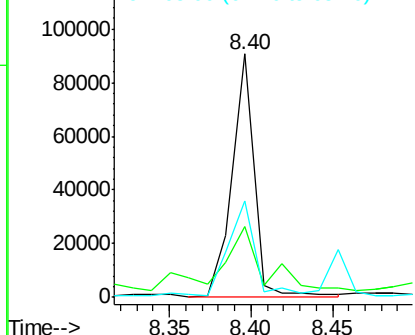
#26
2-Nitrophenol
Concen: 32.43 ng
RT: 8.40 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion:139 Resp: 83124
Ion Ratio Lower Upper
139 100
109 29.2 22.6 34.0
65 39.4 36.4 54.6

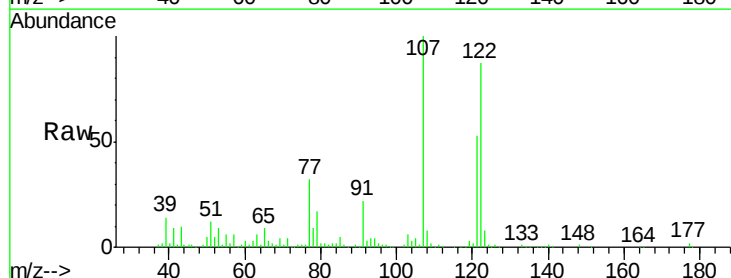


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

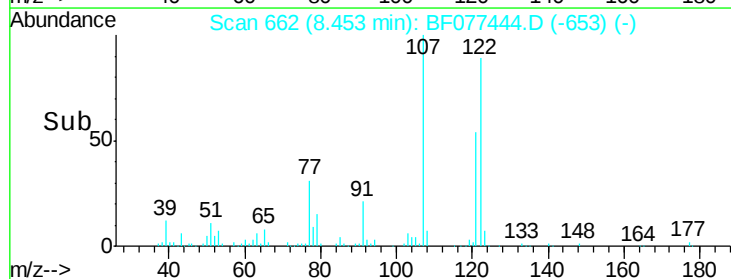
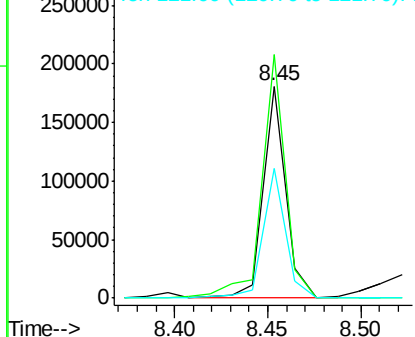


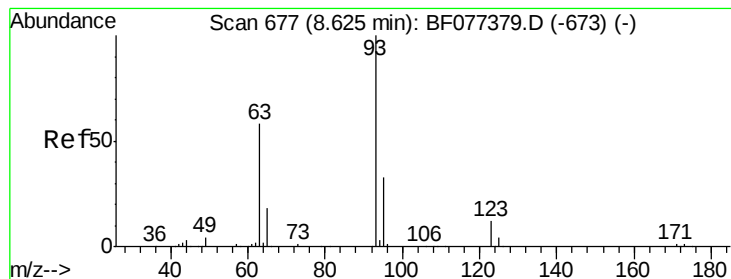
#27
2,4-Dimethylphenol
Concen: 26.26 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion:122 Resp: 150608
Ion Ratio Lower Upper
122 100
107 114.8 86.6 130.0
121 61.1 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 25.76 ng

RT: 8.58 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

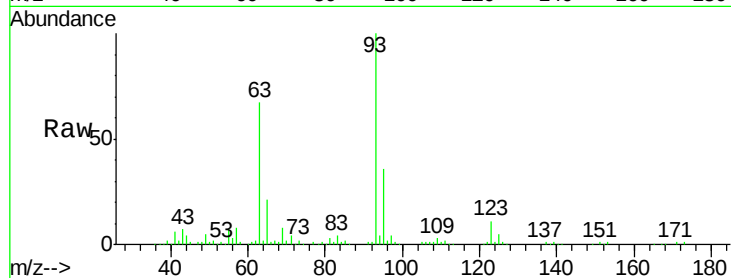
Tgt Ion: 93 Resp: 191937

Ion Ratio Lower Upper

93 100

95 36.1 26.4 39.6

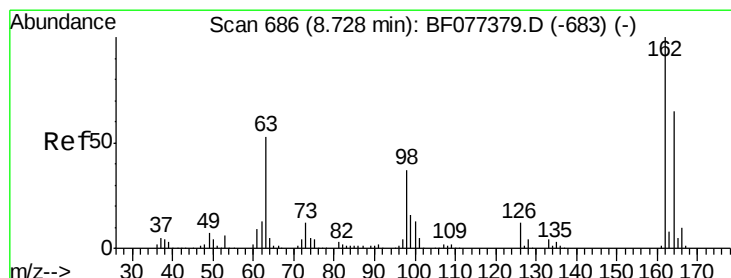
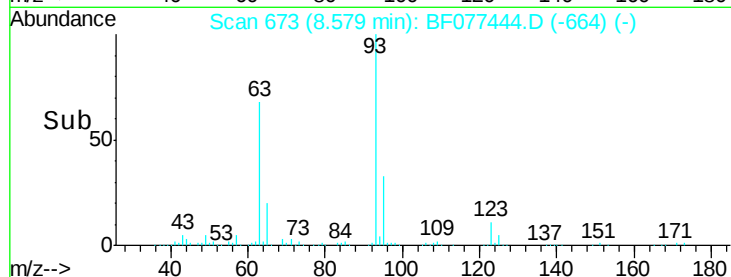
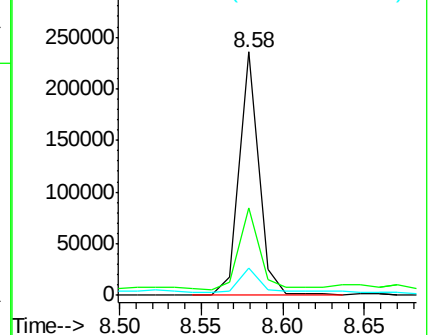
123 11.4 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 26.07 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

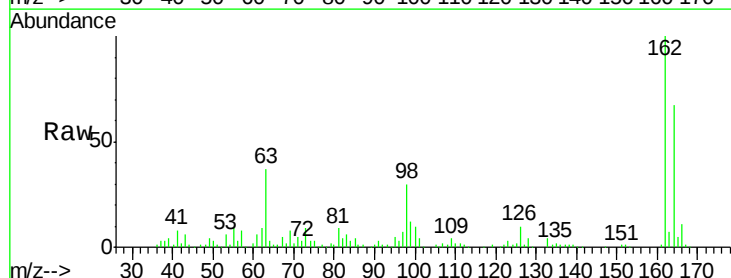
Tgt Ion: 162 Resp: 140352

Ion Ratio Lower Upper

162 100

164 66.5 46.4 86.4

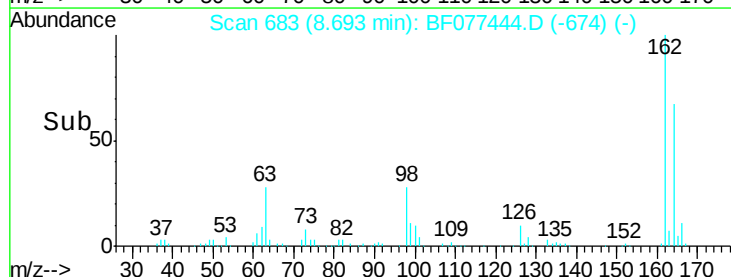
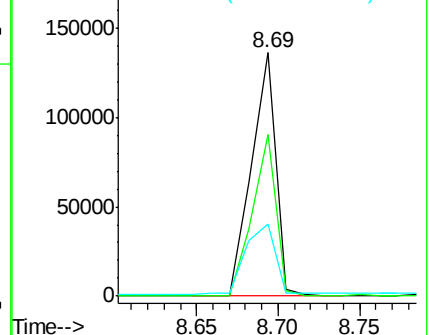
98 29.6 6.9 46.9

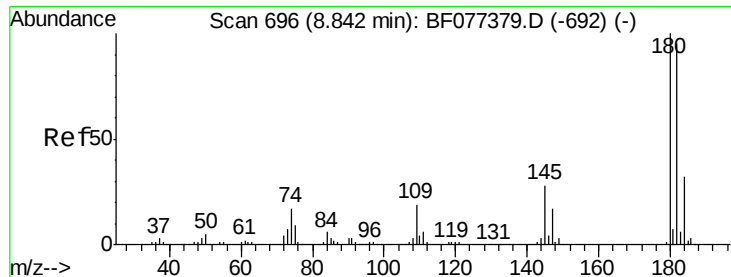


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

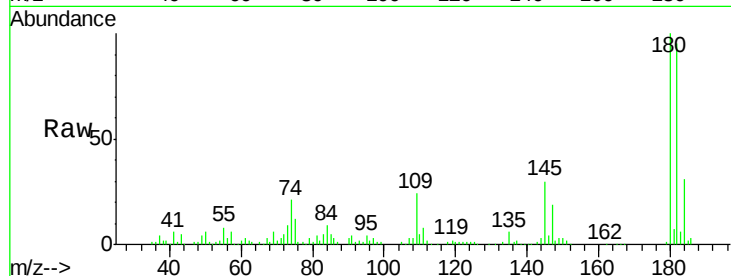




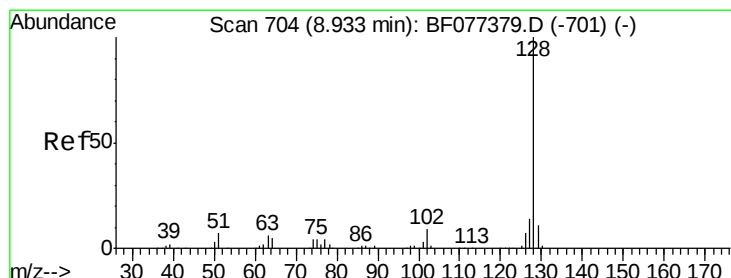
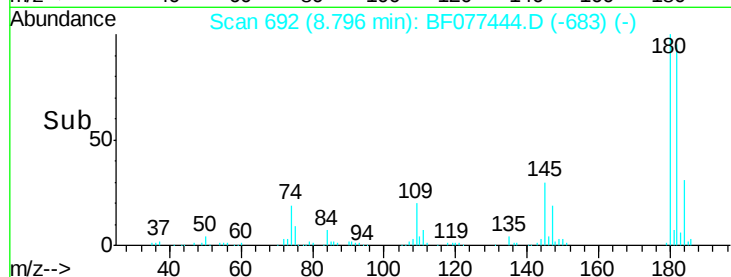
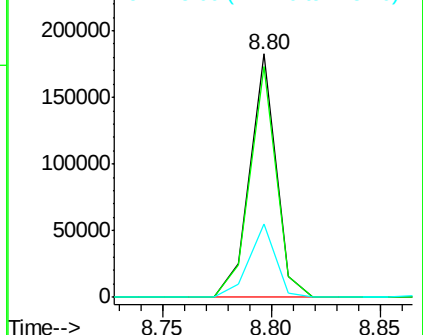
#30
1,2,4-Trichlorobenzene
Concen: 25.87 ng
RT: 8.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion:180 Resp: 153071
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 30.2 24.5 36.7

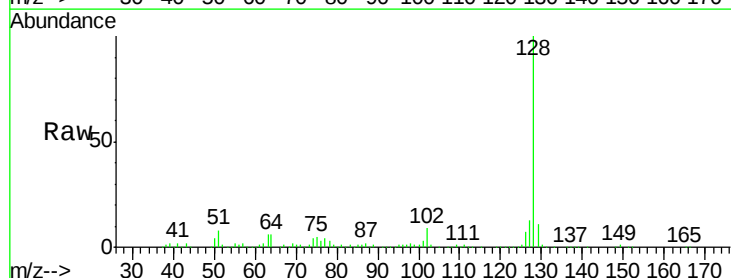


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

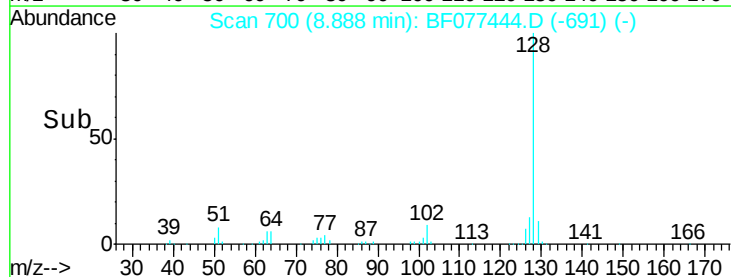
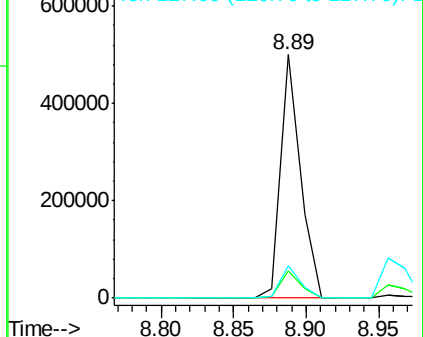


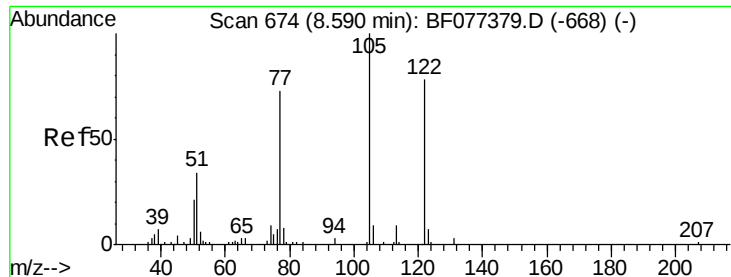
#31
Naphthalene
Concen: 25.81 ng
RT: 8.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion:128 Resp: 477112
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 19.30 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

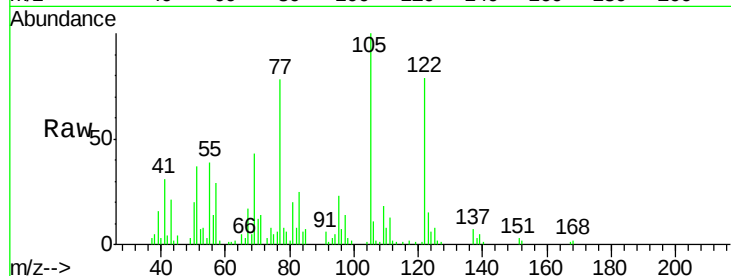
Tgt Ion:122 Resp: 53769

Ion Ratio Lower Upper

122 100

105 126.3 100.3 140.3

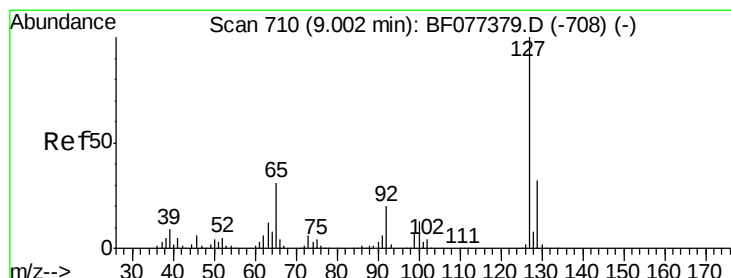
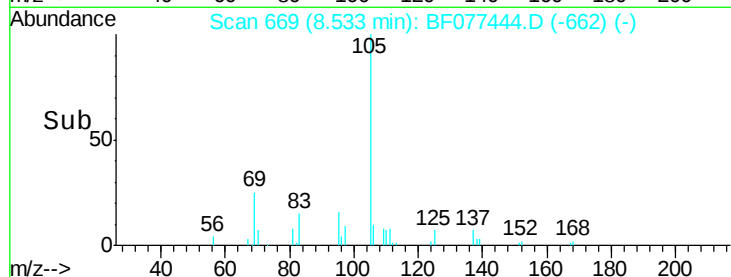
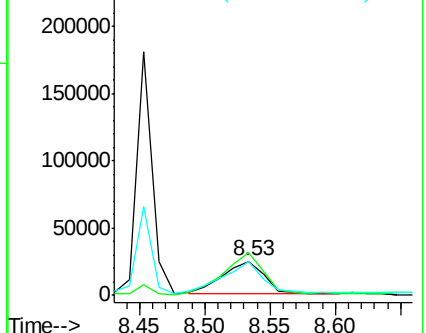
77 98.0 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 12.46 ng

RT: 8.96 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Tgt Ion:127 Resp: 102389

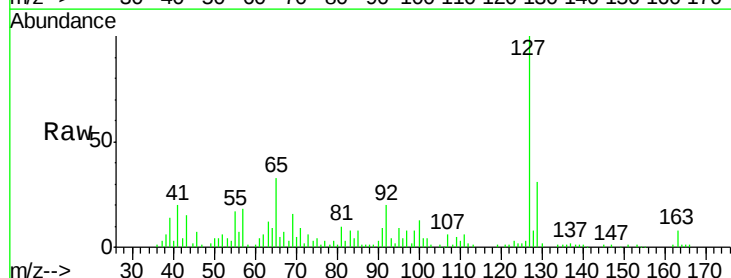
Ion Ratio Lower Upper

127 100

129 31.2 26.9 40.3

65 32.5 16.7 25.1#

92 19.8 12.5 18.7#

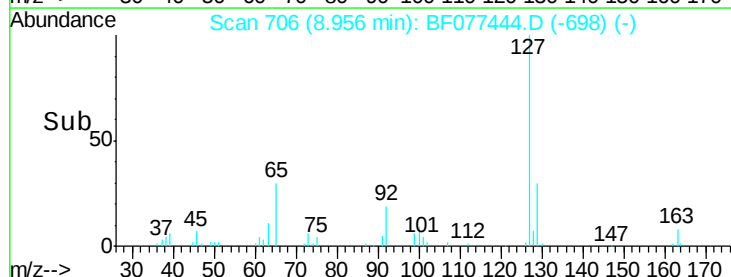
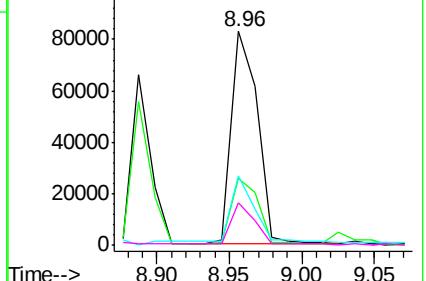


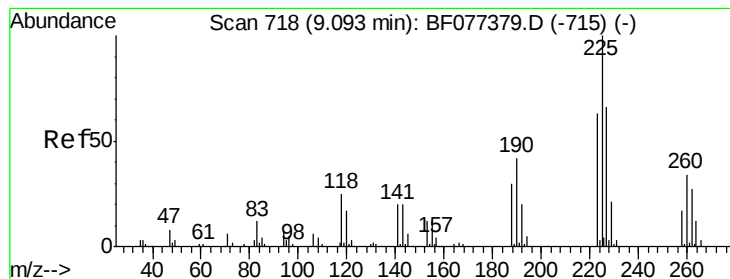
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 25.37 ng

RT: 9.05 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

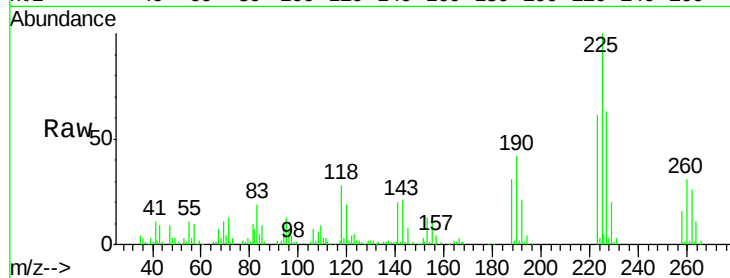
Tgt Ion:225 Resp: 85705

Ion Ratio Lower Upper

225 100

223 61.3 49.5 74.3

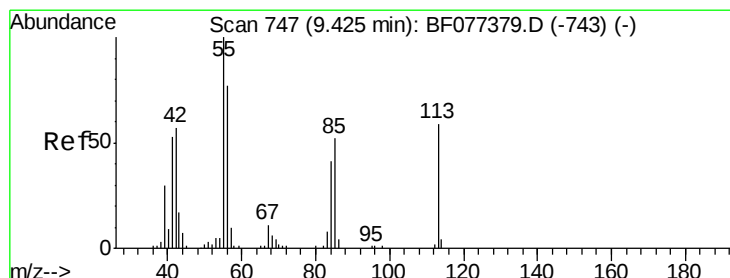
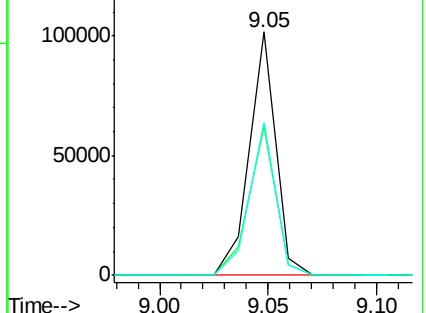
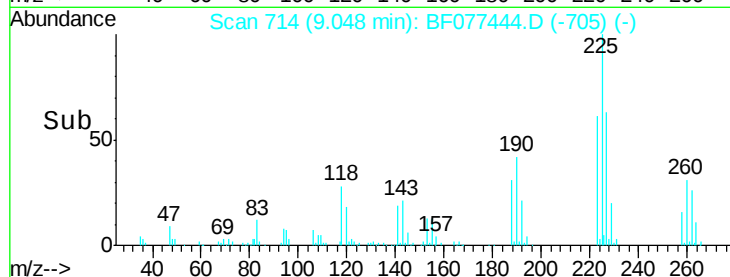
227 63.0 50.5 75.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 23.37 ng

RT: 9.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

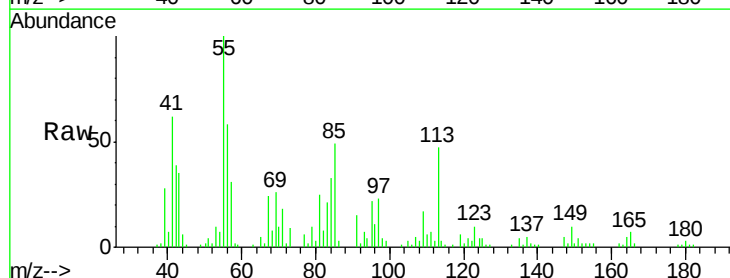
Tgt Ion:113 Resp: 38408

Ion Ratio Lower Upper

113 100

55 213.2 154.6 194.6#

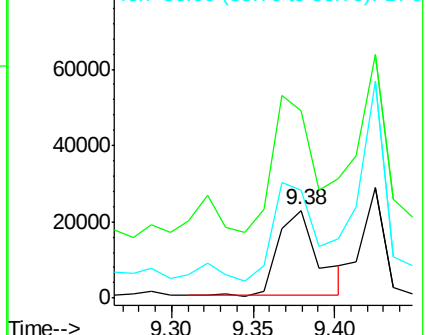
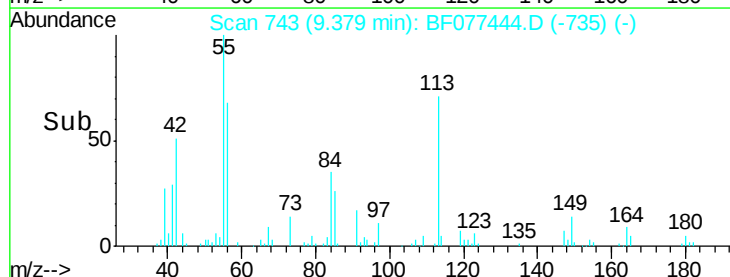
56 123.2 114.0 154.0

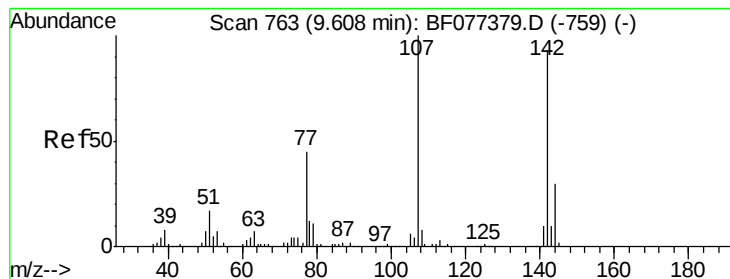


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 26.82 ng

RT: 9.56 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

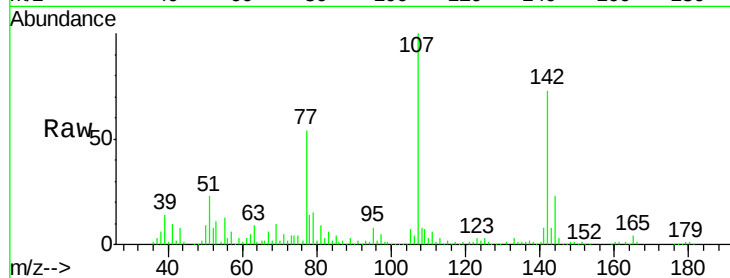
Tgt Ion:107 Resp: 145138

Ion Ratio Lower Upper

107 100

144 22.7 21.1 31.7

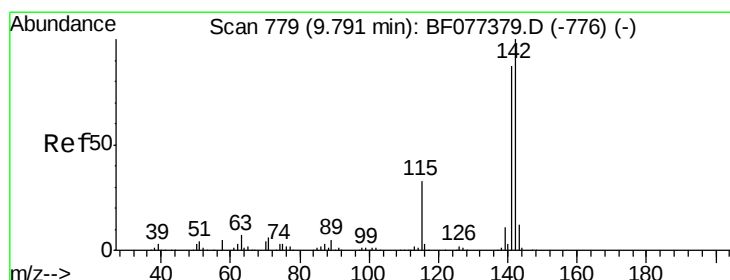
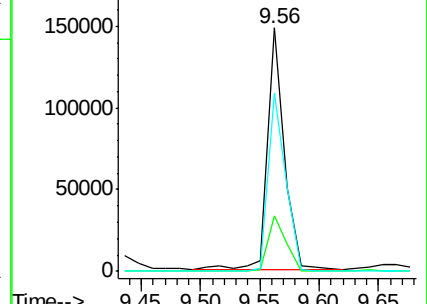
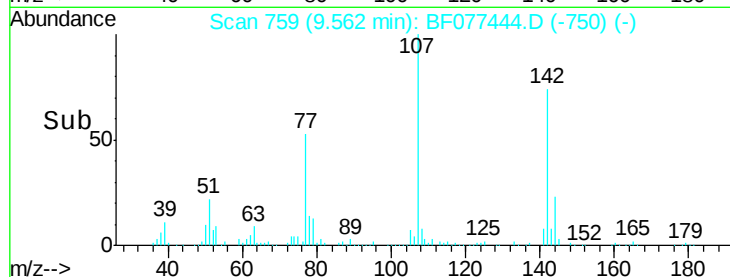
142 73.2 65.3 97.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 26.96 ng

RT: 9.74 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

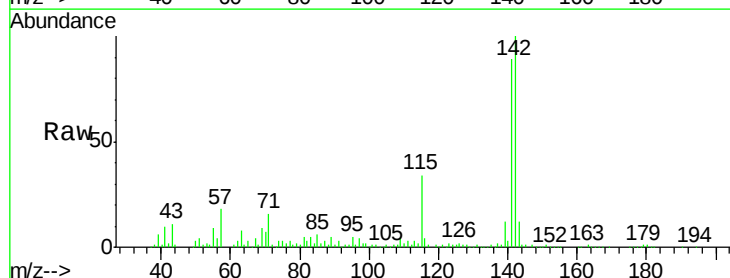
Tgt Ion:142 Resp: 353876

Ion Ratio Lower Upper

142 100

141 88.9 70.7 106.1

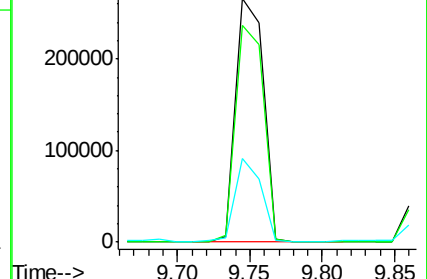
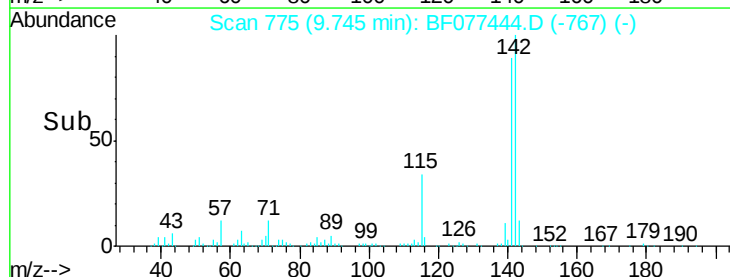
115 34.3 24.2 36.4

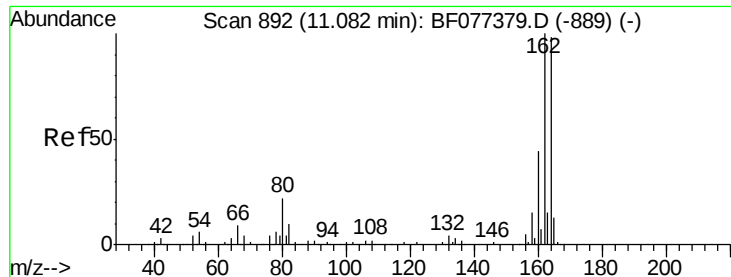


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

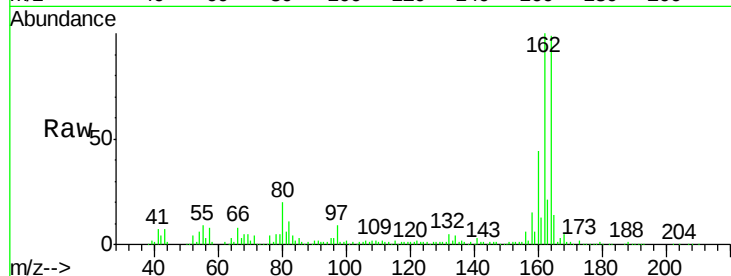
Tgt Ion:164 Resp: 192312

Ion Ratio Lower Upper

164 100

162 100.9 83.2 124.8

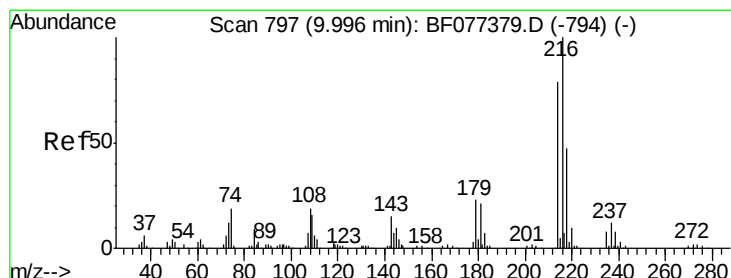
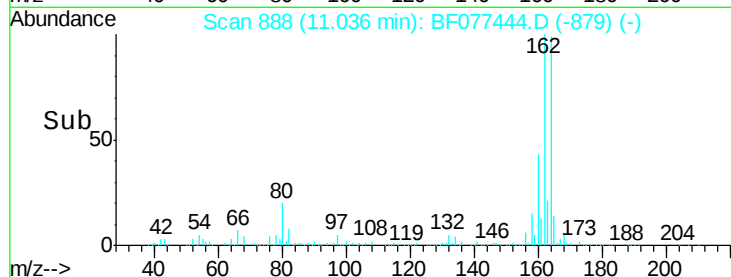
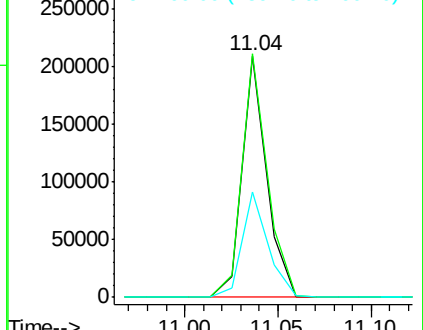
160 43.9 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.37 ng

RT: 9.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Tgt Ion:216 Resp: 145497

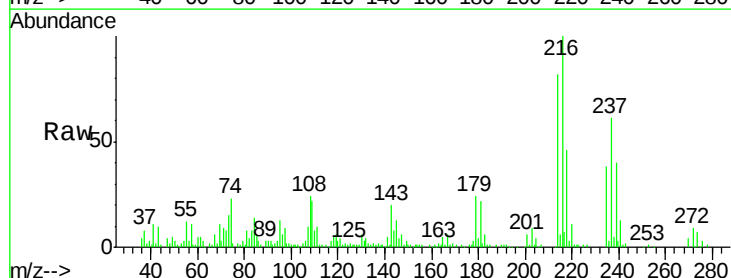
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 23.2 16.6 25.0

108 20.5 14.2 21.4

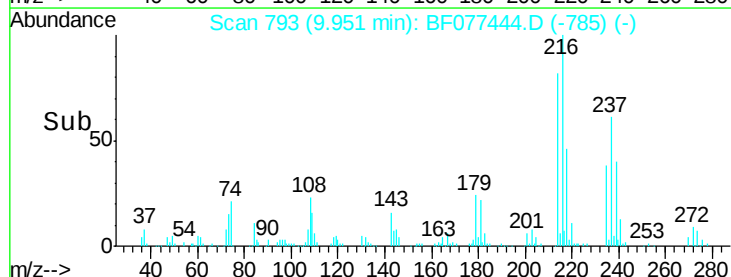
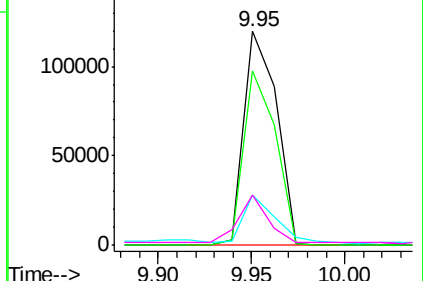


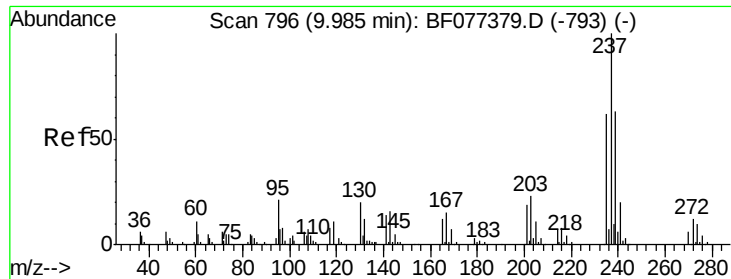
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 54.03 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

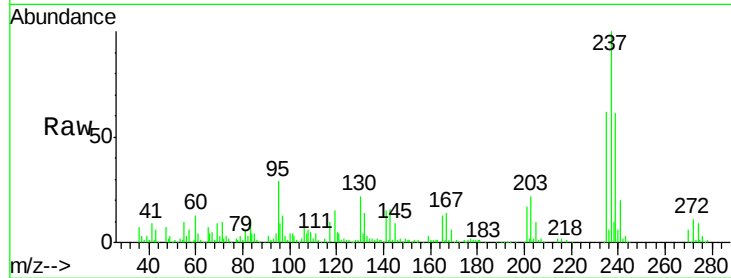
Tgt Ion:237 Resp: 159867

Ion Ratio Lower Upper

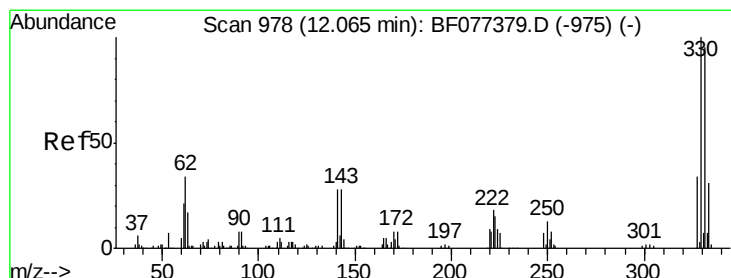
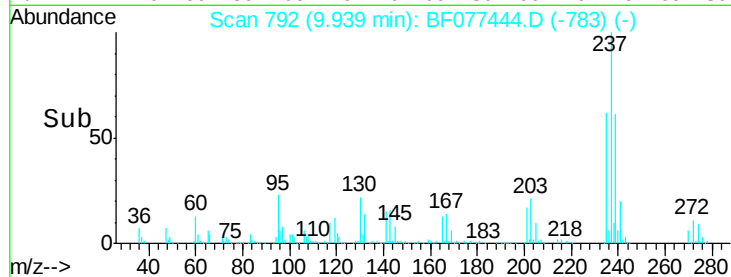
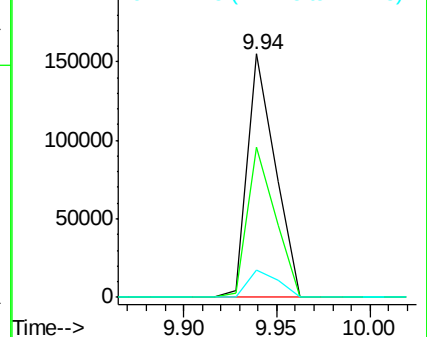
237 100

235 61.8 41.0 81.0

272 11.1 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 90.40 ng

RT: 12.02 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

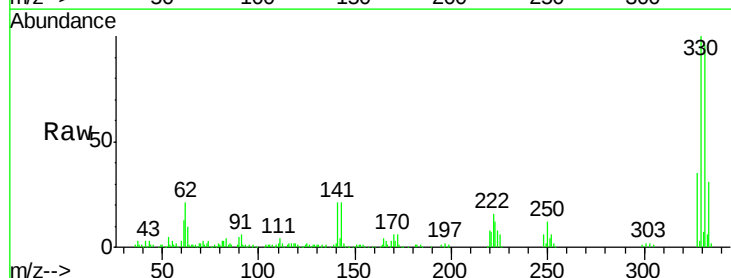
Tgt Ion:330 Resp: 167394

Ion Ratio Lower Upper

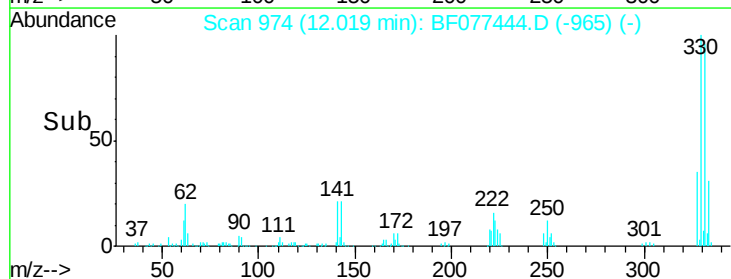
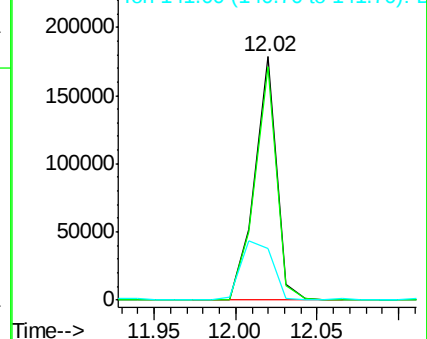
330 100

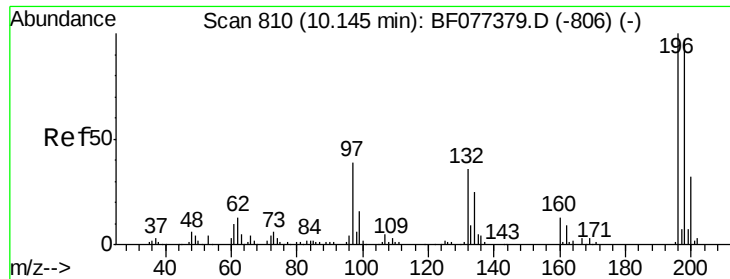
332 95.9 77.4 116.2

141 34.3 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

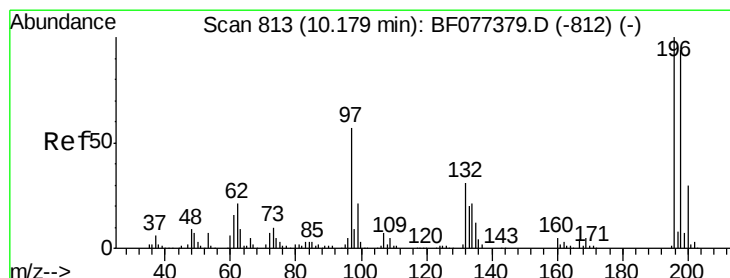
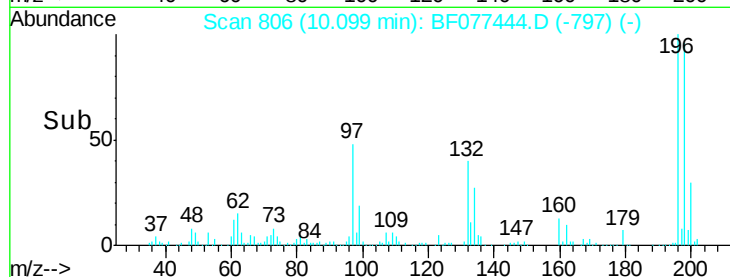
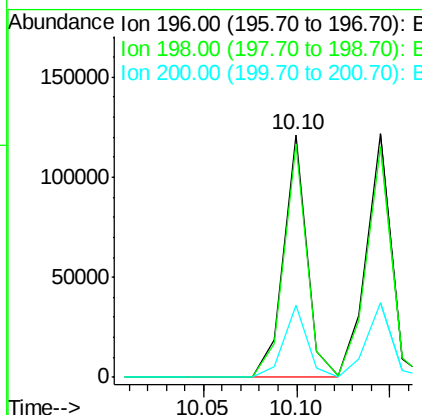
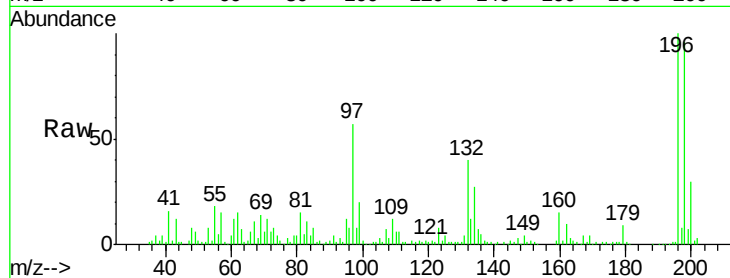




#42
 2,4,6-Trichlorophenol
 Concen: 29.01 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

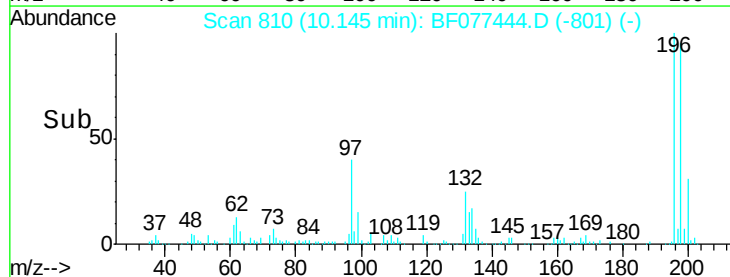
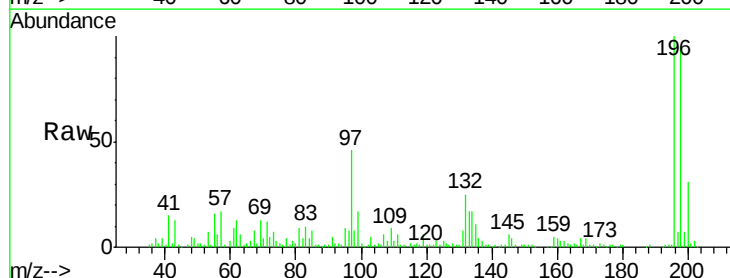
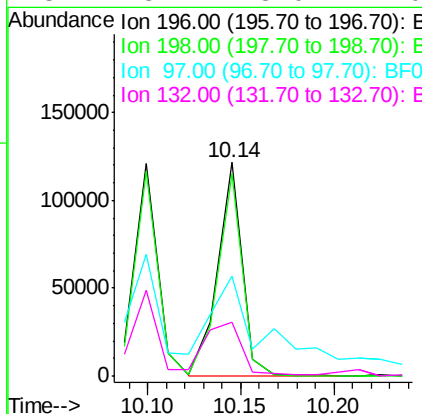
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

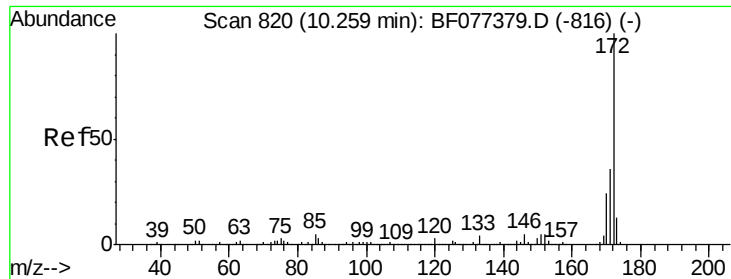
Tgt Ion:196 Resp: 106003
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.8 113.8
 200 29.8 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 28.49 ng
 RT: 10.14 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion:196 Resp: 111310
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.2 115.8
 97 46.5 27.7 41.5#
 132 25.4 18.0 27.0

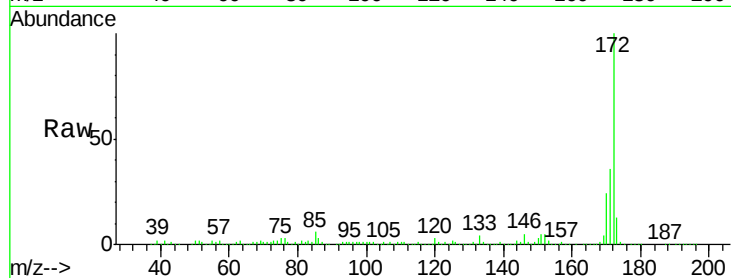




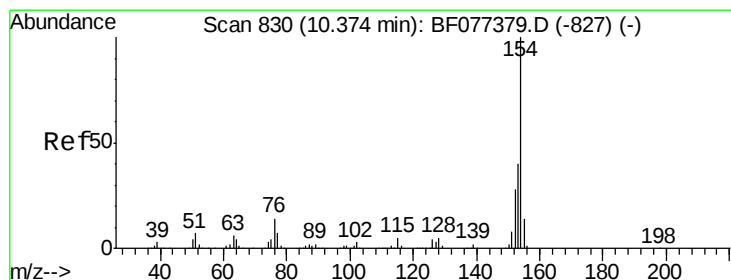
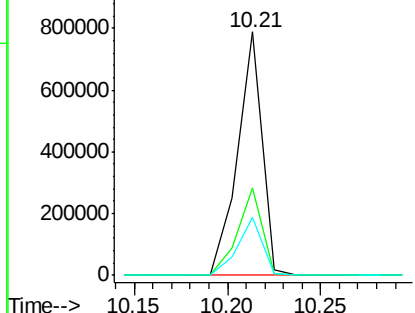
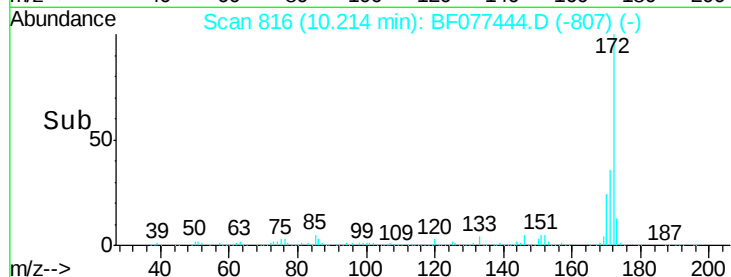
#44
 2-Fluorobiphenyl
 Concen: 58.93 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

Tgt Ion:172 Resp: 726830
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.7 19.4 29.2

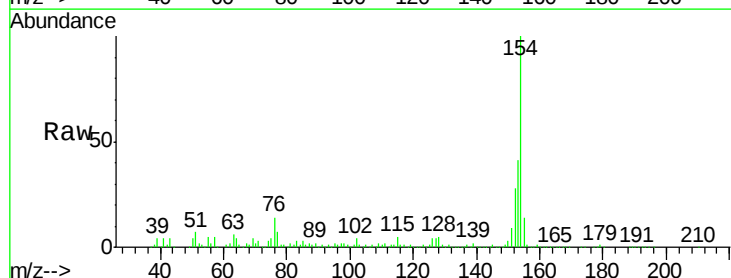


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

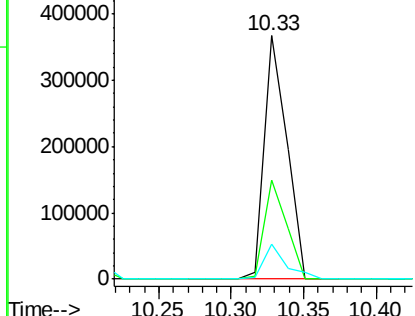
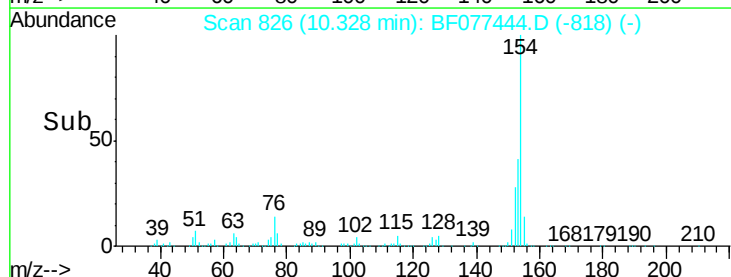


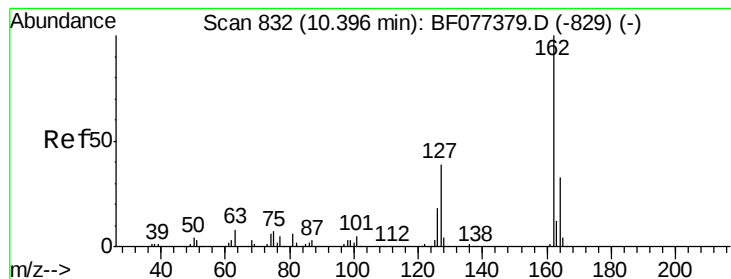
#45
 1,1'-Biphenyl
 Concen: 27.17 ng
 RT: 10.33 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion:154 Resp: 395867
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.2 60.2
 76 14.1 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 27.16 ng

RT: 10.35 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

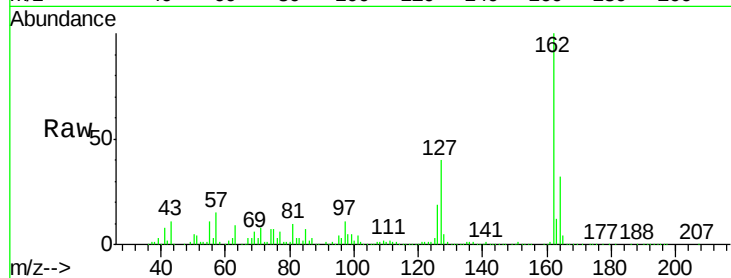
Tgt Ion: 162 Resp: 310302

Ion Ratio Lower Upper

162 100

127 39.6 33.3 49.9

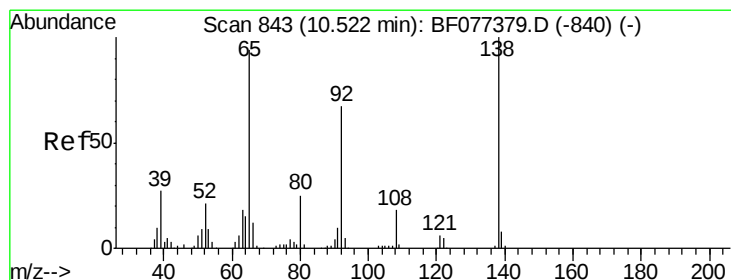
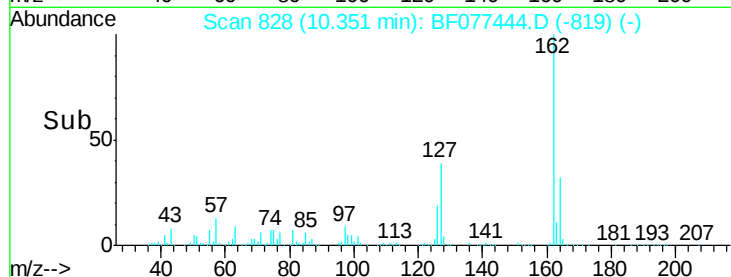
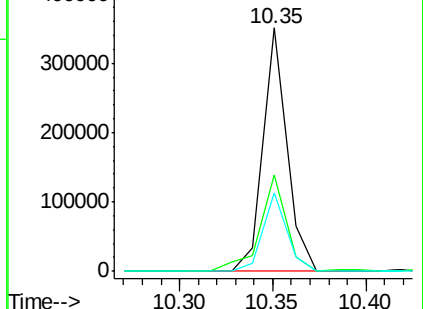
164 32.4 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 29.35 ng

RT: 10.48 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

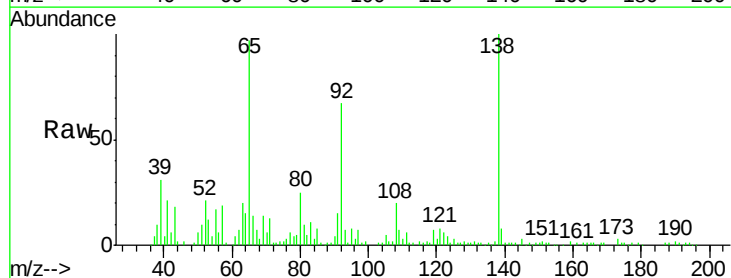
Tgt Ion: 65 Resp: 82549

Ion Ratio Lower Upper

65 100

92 69.7 52.4 78.6

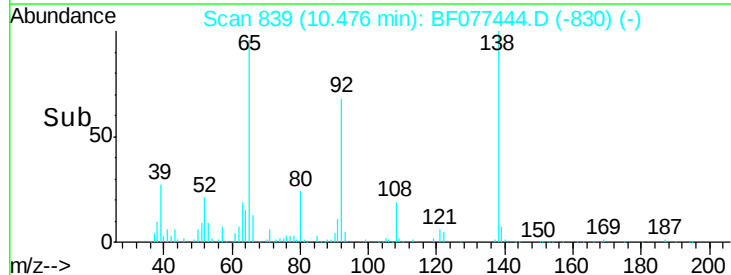
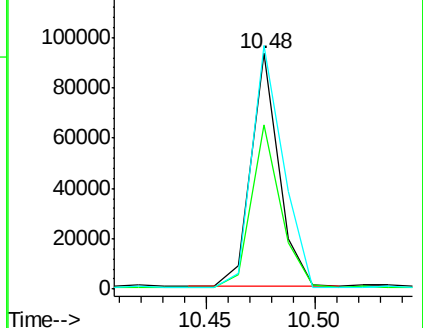
138 103.4 73.4 110.0

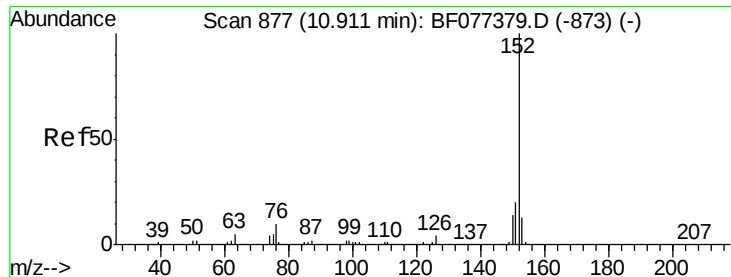


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

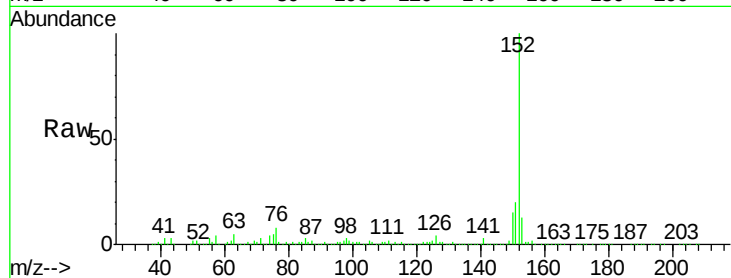




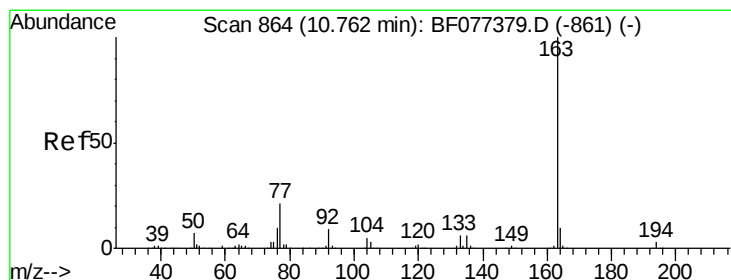
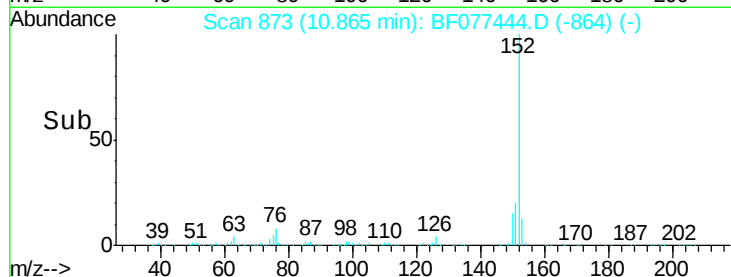
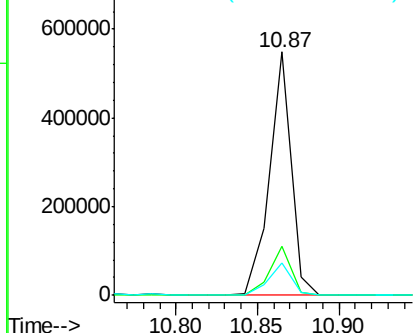
#48
Acenaphthylene
Concen: 28.19 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion:152 Resp: 509903
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.5 10.9 16.3

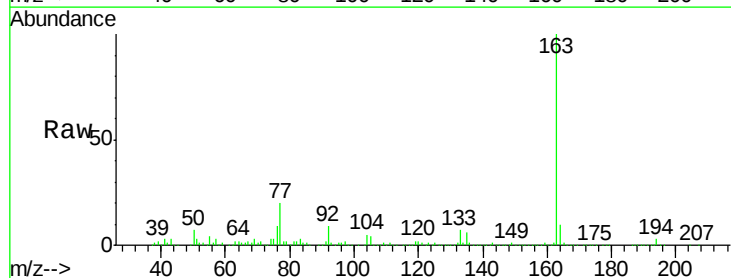


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

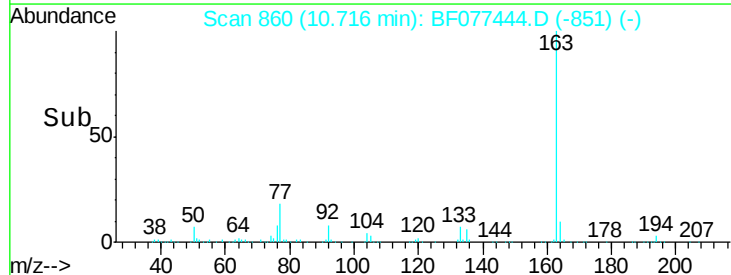
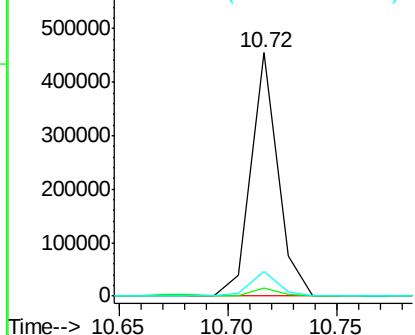


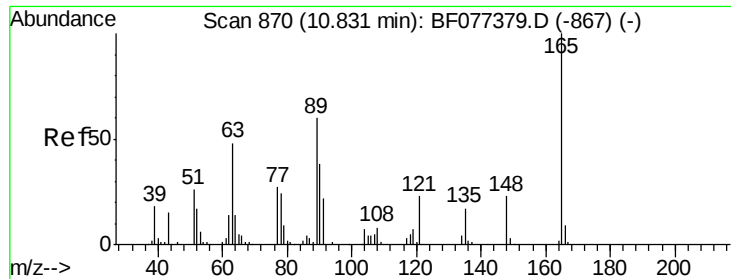
#49
Dimethylphthalate
Concen: 28.77 ng
RT: 10.72 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion:163 Resp: 388864
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

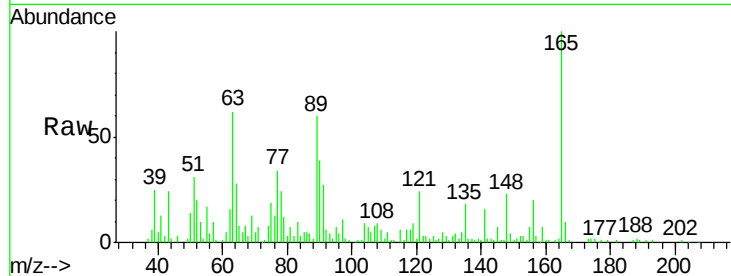




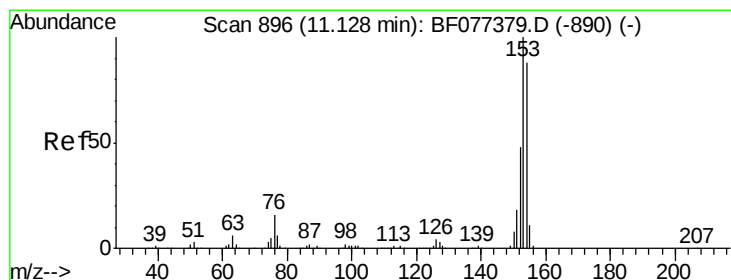
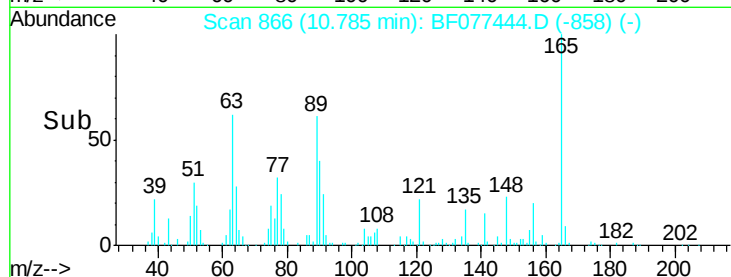
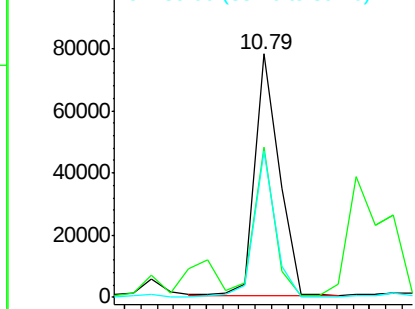
#50
2,6-Dinitrotoluene
Concen: 29.63 ng
RT: 10.79 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion:165 Resp: 80329
Ion Ratio Lower Upper
165 100
63 61.9 25.2 37.8#
89 60.2 30.5 45.7#

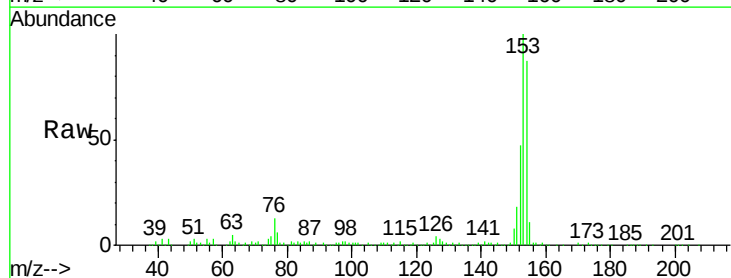


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

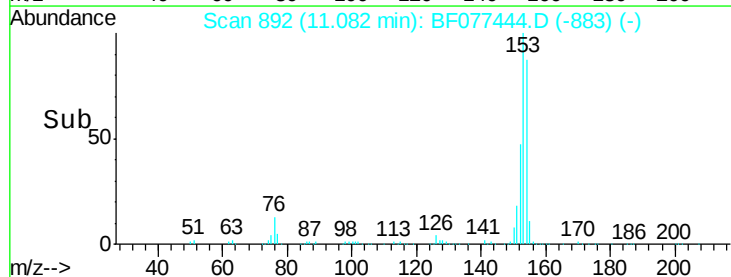
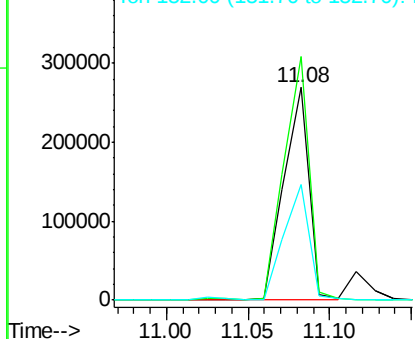


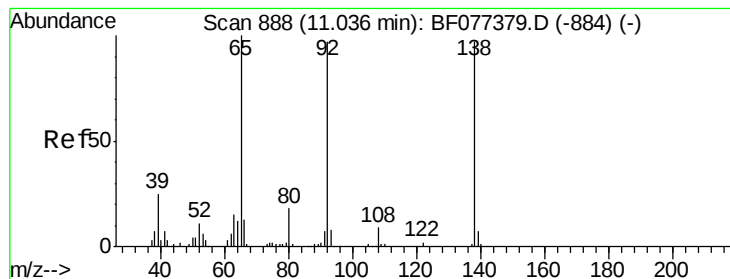
#51
Acenaphthene
Concen: 26.79 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion:154 Resp: 289208
Ion Ratio Lower Upper
154 100
153 114.5 90.5 135.7
152 54.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 22.77 ng

RT: 10.99 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

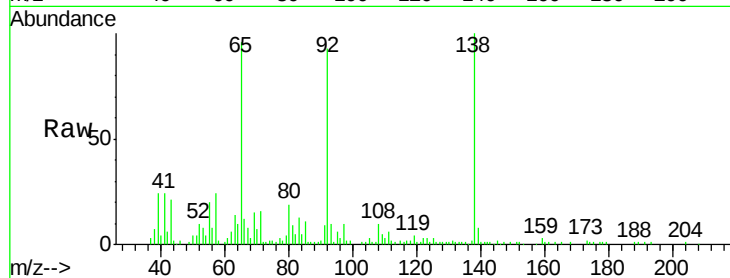
Tgt Ion:138 Resp: 71160

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.8

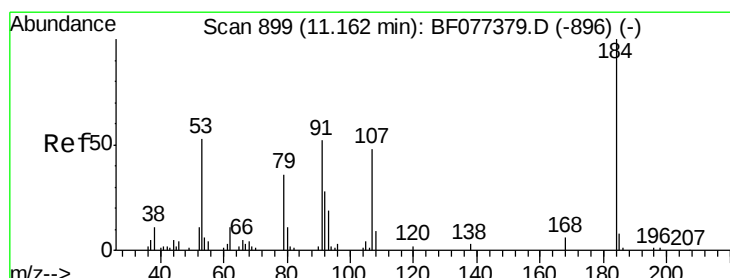
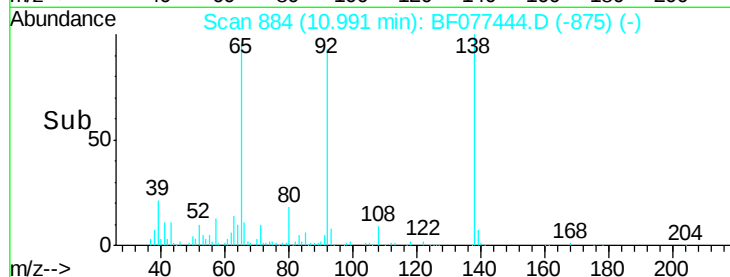
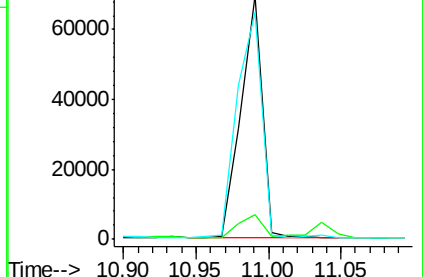
92 93.4 90.6 135.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 66.06 ng

RT: 11.12 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

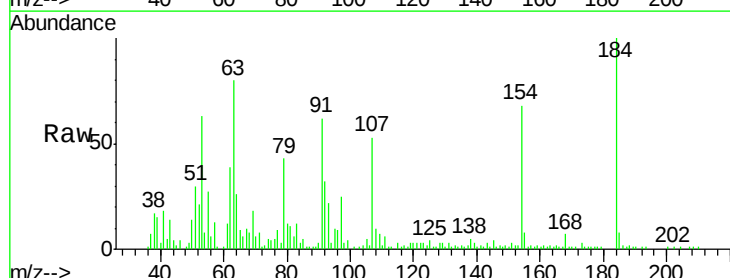
Tgt Ion:184 Resp: 54493

Ion Ratio Lower Upper

184 100

63 80.2 29.5 44.3#

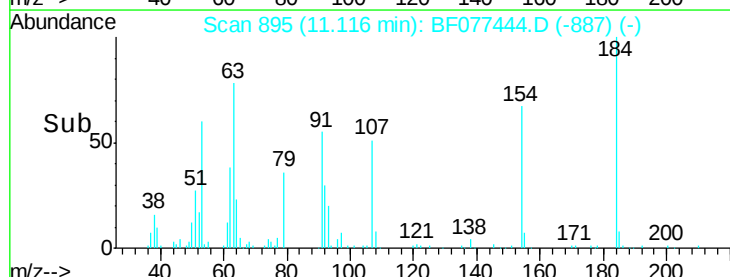
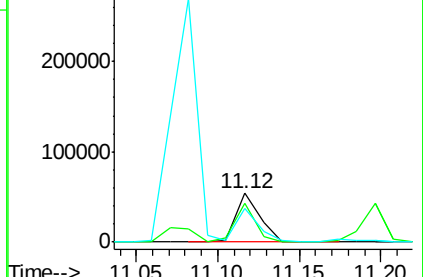
154 68.0 43.2 64.8#

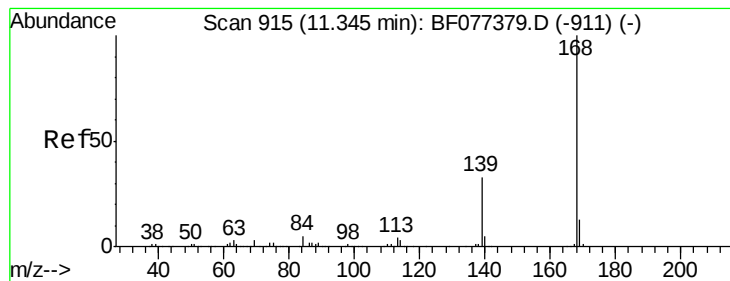


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 27.32 ng

RT: 11.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

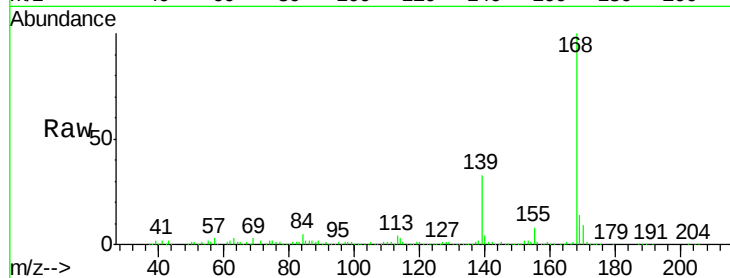
Tgt Ion:168 Resp: 455398

Ion Ratio Lower Upper

168 100

139 32.6 29.3 43.9

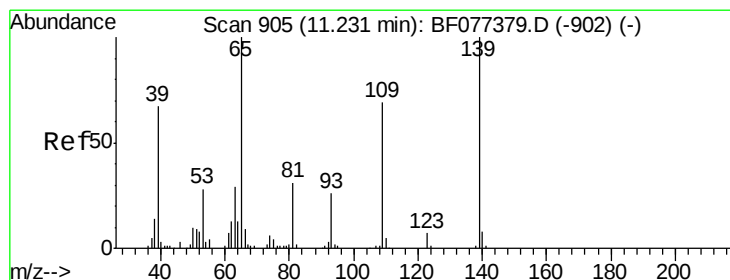
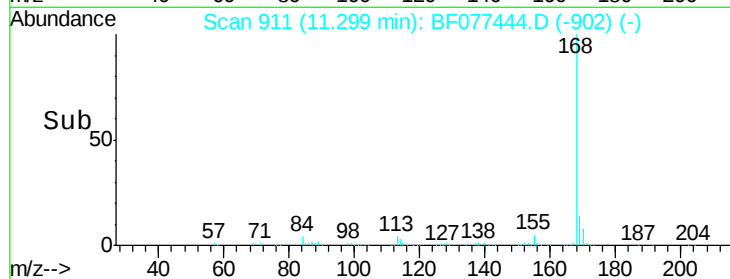
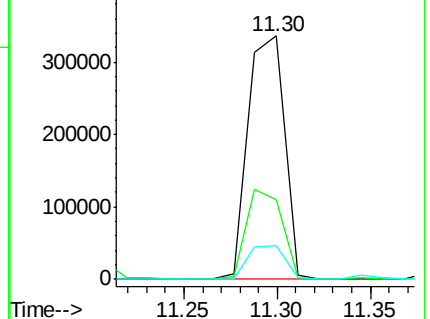
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 56.52 ng

RT: 11.20 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

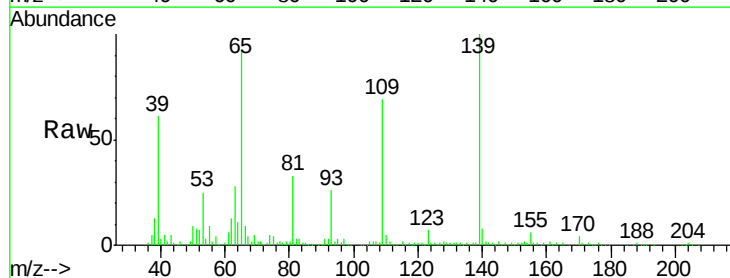
Tgt Ion:139 Resp: 142094

Ion Ratio Lower Upper

139 100

109 69.4 36.2 76.2

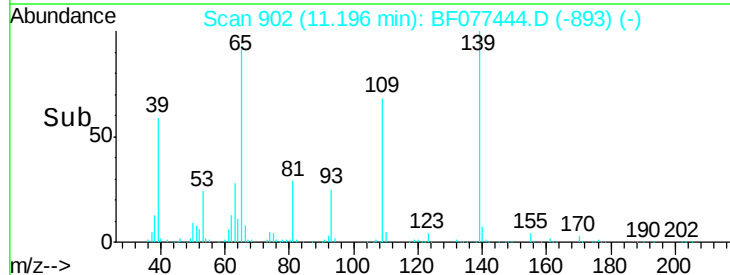
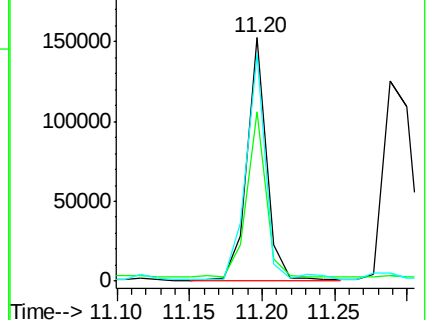
65 93.4 40.3 80.3#

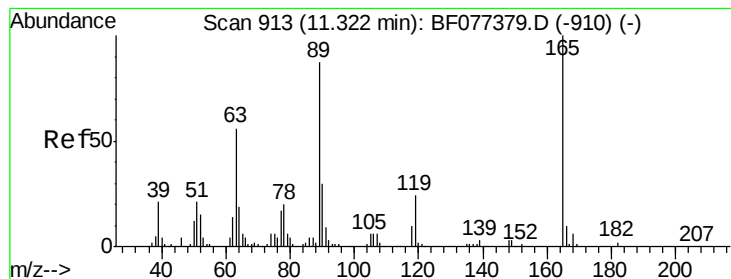


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 30.06 ng

RT: 11.29 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

Tgt Ion:165 Resp: 110109

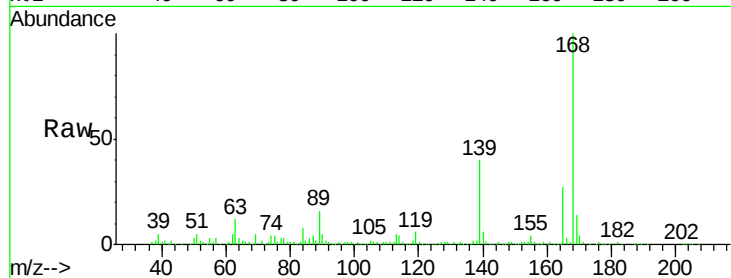
Ion Ratio Lower Upper

165 100

63 45.3 29.8 44.8#

89 58.8 48.5 72.7

182 2.9 1.9 2.9#

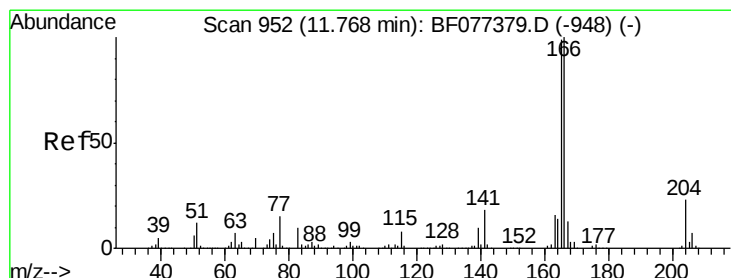
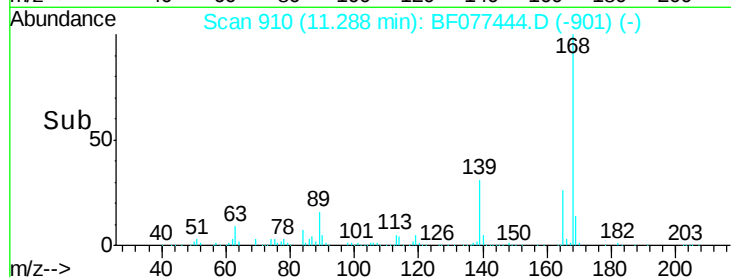
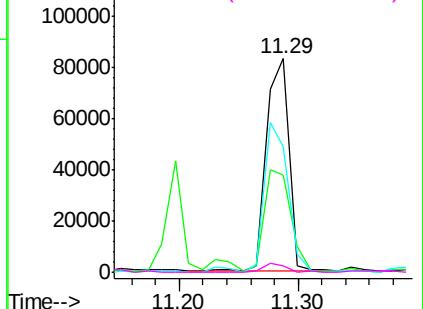


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 28.19 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

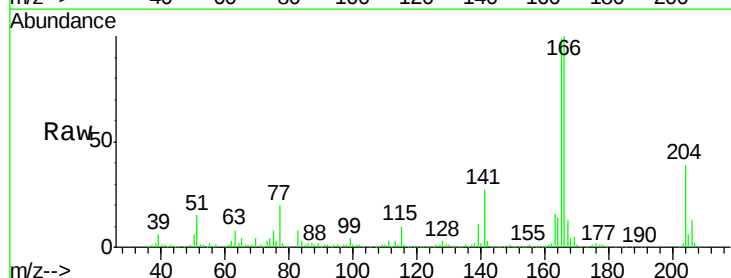
Tgt Ion:166 Resp: 375621

Ion Ratio Lower Upper

166 100

165 98.7 77.6 116.4

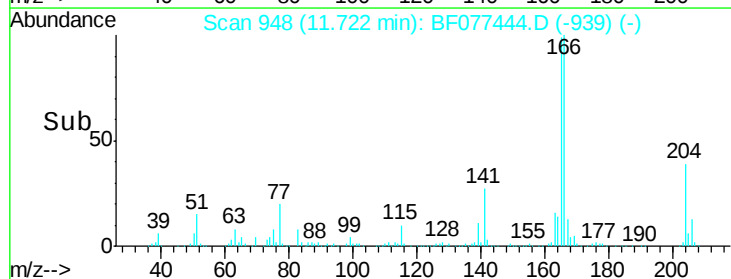
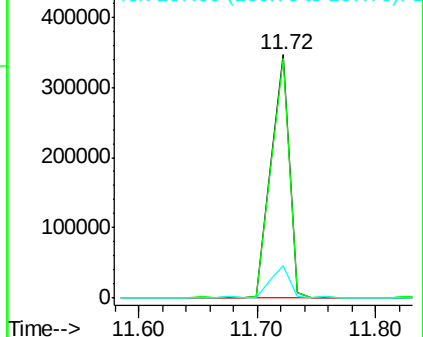
167 13.3 10.6 16.0

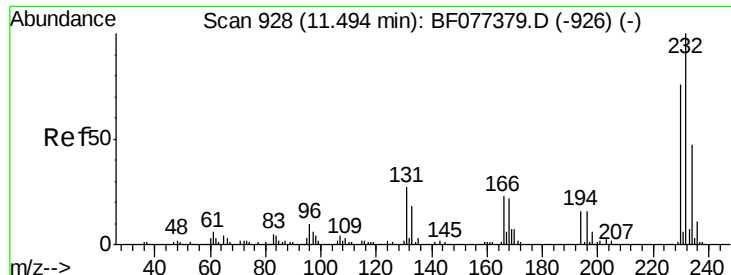


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

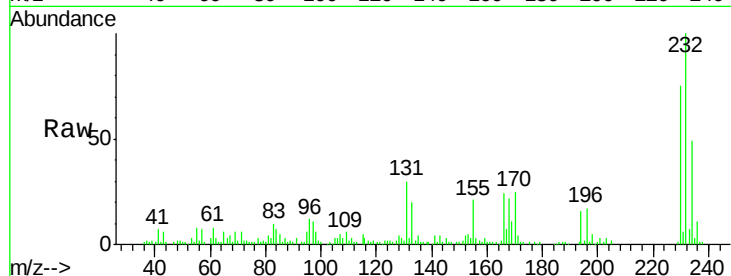




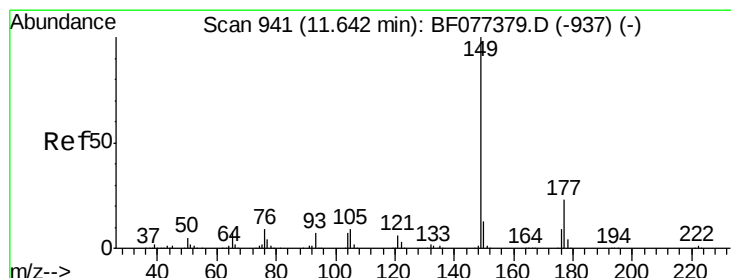
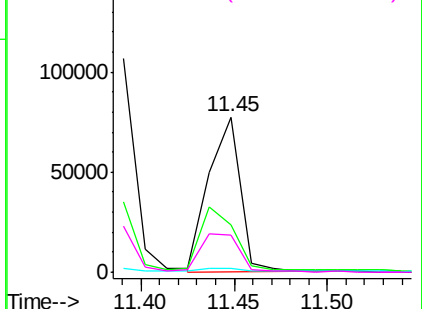
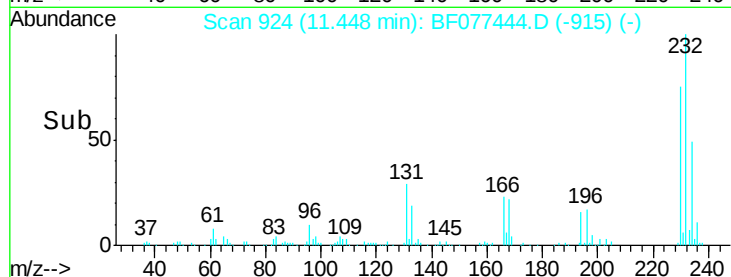
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.95 ng
 RT: 11.45 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

Tgt Ion:232 Resp: 90934
 Ion Ratio Lower Upper
 232 100
 131 43.5 34.2 51.2
 130 2.8 1.8 2.6#
 166 31.1 24.3 36.5

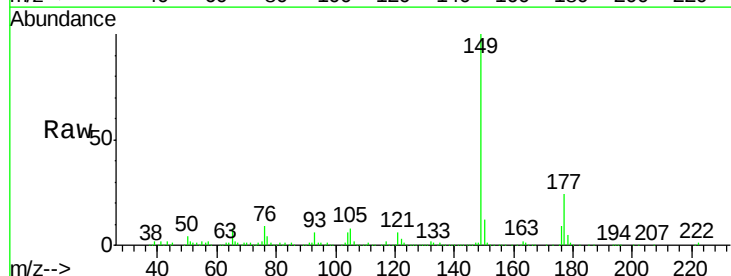


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

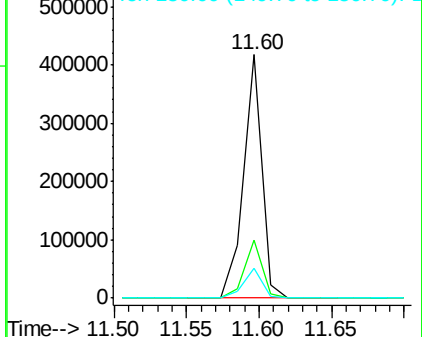
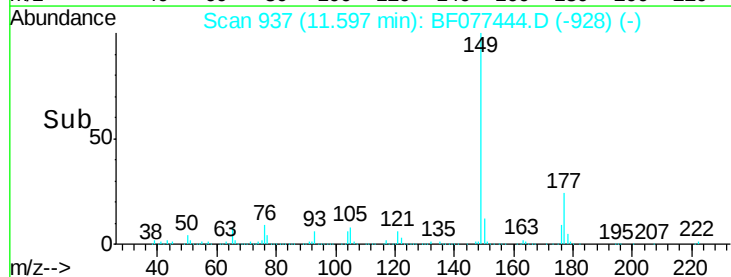


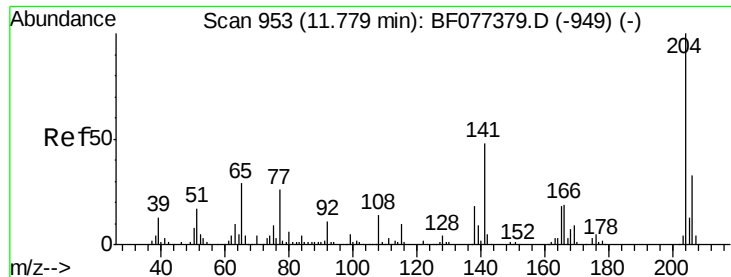
#59
 Diethylphthalate
 Concen: 27.33 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion:149 Resp: 364226
 Ion Ratio Lower Upper
 149 100
 177 23.7 17.2 25.8
 150 12.3 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

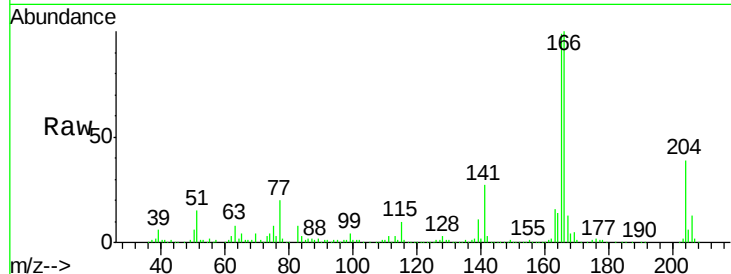




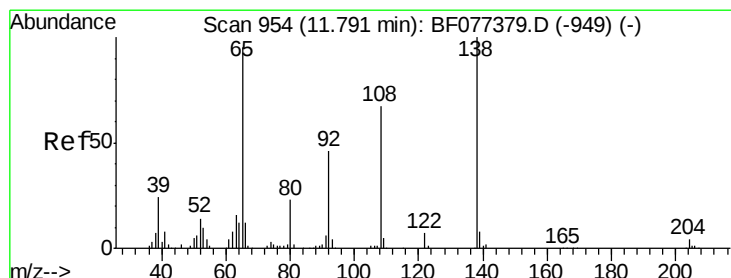
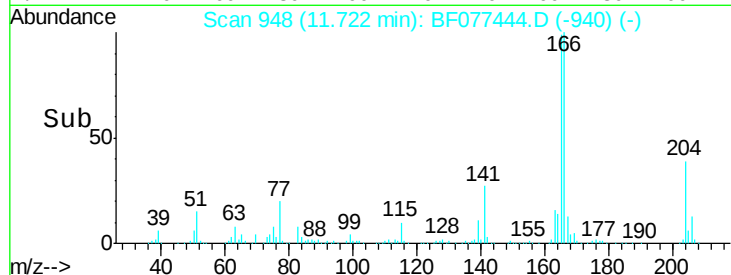
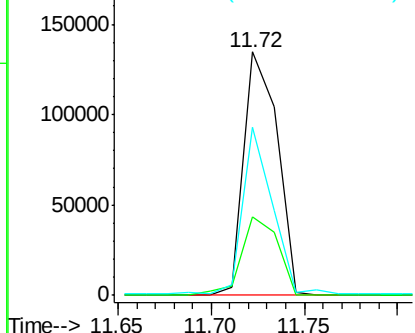
#60
4-Chlorophenyl-phenylether
Concen: 26.17 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion:204 Resp: 168014
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 69.2 43.6 65.4#

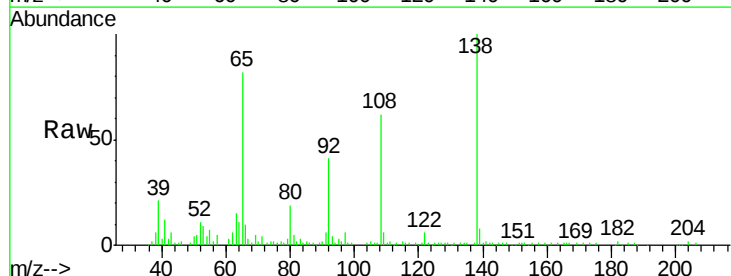


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

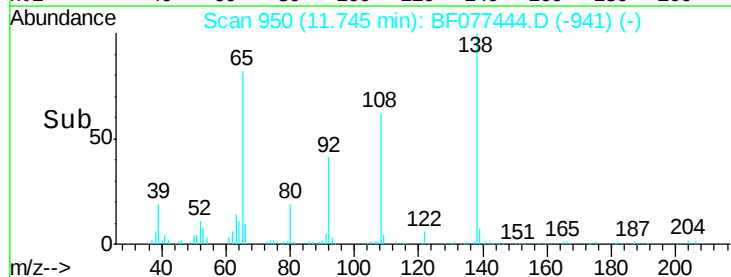
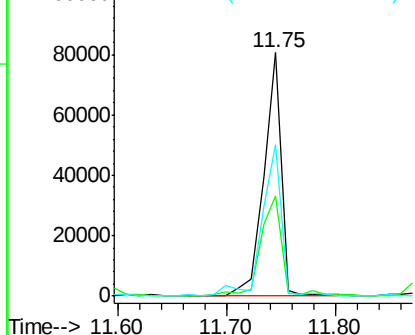


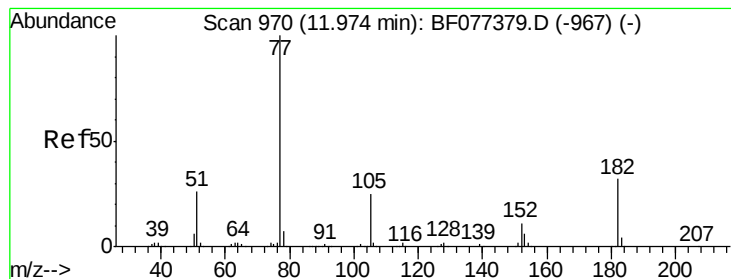
#61
4-Nitroaniline
Concen: 30.47 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion:138 Resp: 91289
Ion Ratio Lower Upper
138 100
92 41.0 32.8 72.8
108 62.0 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 26.69 ng

RT: 11.92 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

Tgt Ion: 77 Resp: 337512

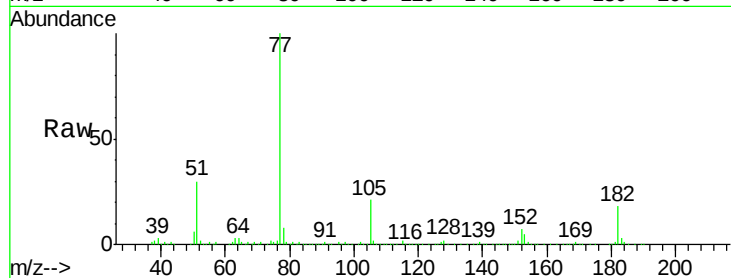
Ion Ratio Lower Upper

77 100

182 17.8 4.9 44.9

105 21.3 3.3 43.3

51 30.3 8.9 48.9

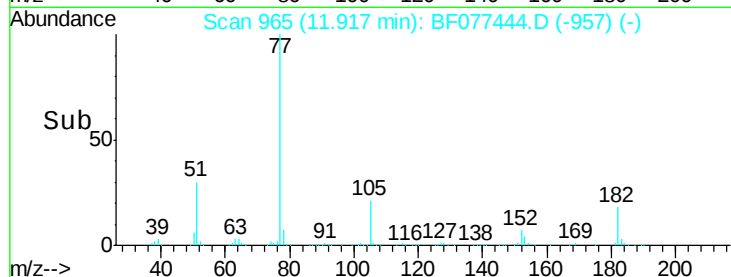


Abundance Ion 77.00 (76.70 to 77.70): BF0

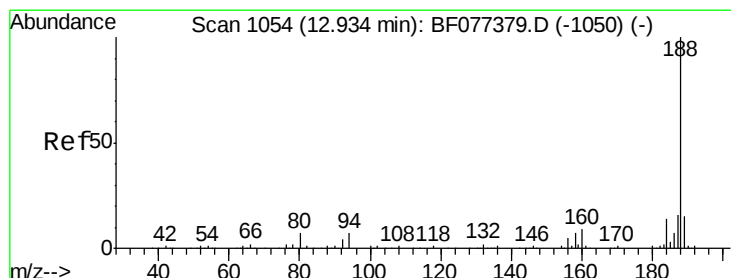
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time--> 11.85 11.90 11.95 12.00



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

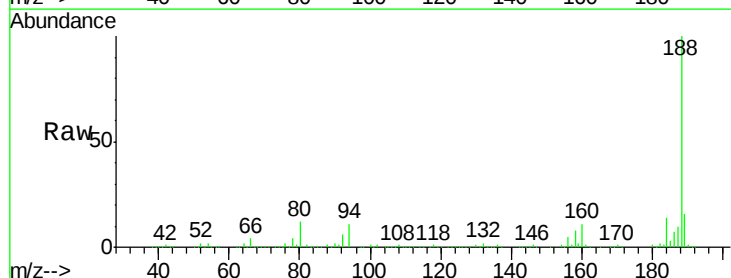
Tgt Ion: 188 Resp: 371517

Ion Ratio Lower Upper

188 100

94 10.7 7.4 11.2

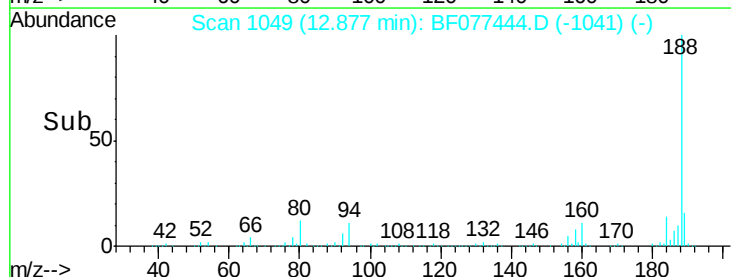
80 11.7 8.0 12.0



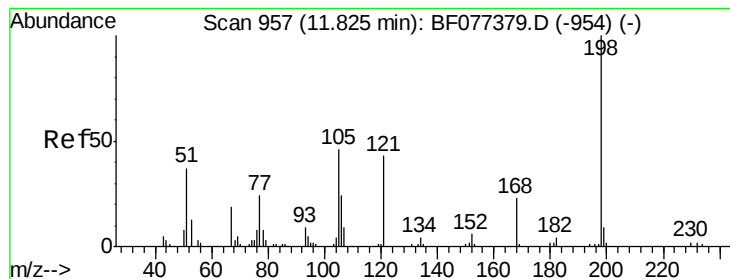
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 12.85 12.90



#64

4,6-Dinitro-2-methylphenol

Concen: 30.13 ng

RT: 11.78 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

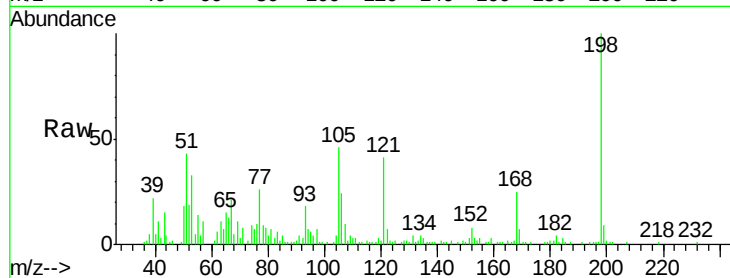
Tgt Ion:198 Resp: 42448

Ion Ratio Lower Upper

198 100

51 43.3 2.7 42.7#

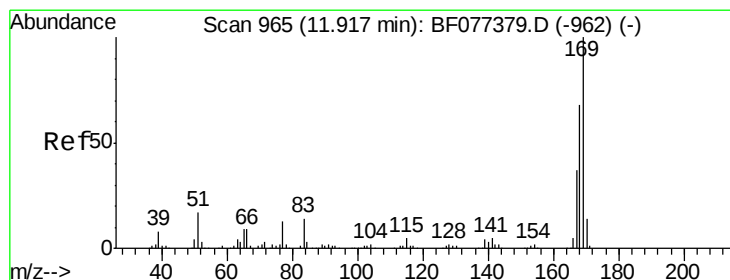
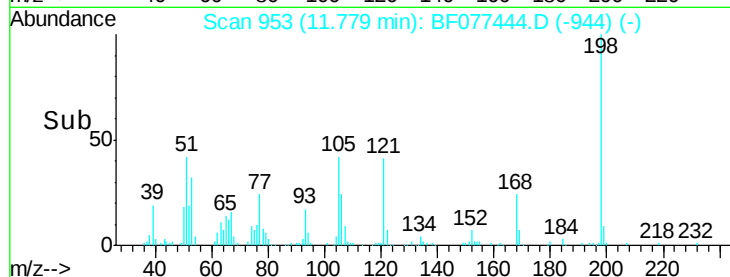
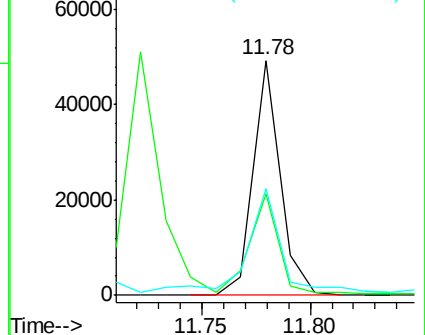
105 45.6 10.0 50.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 26.00 ng

RT: 11.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

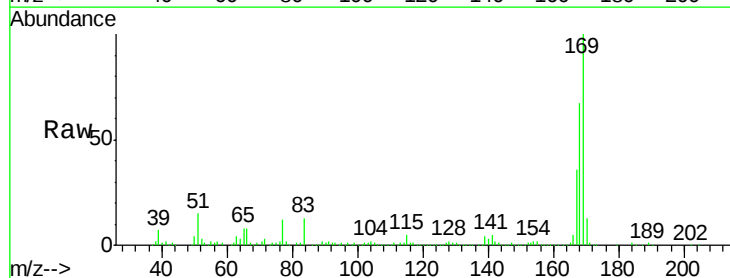
Tgt Ion:169 Resp: 320547

Ion Ratio Lower Upper

169 100

168 66.6 53.0 79.6

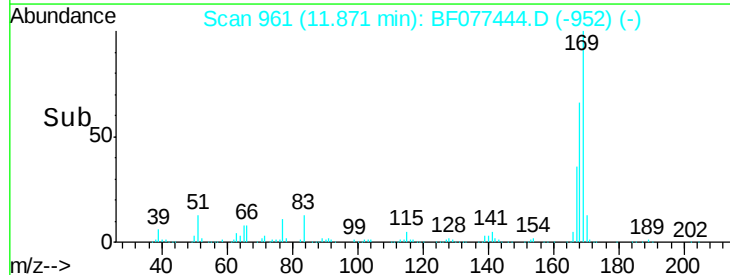
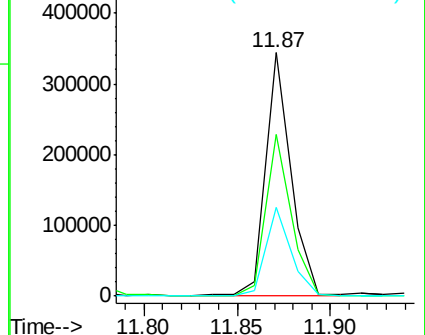
167 36.5 29.5 44.3

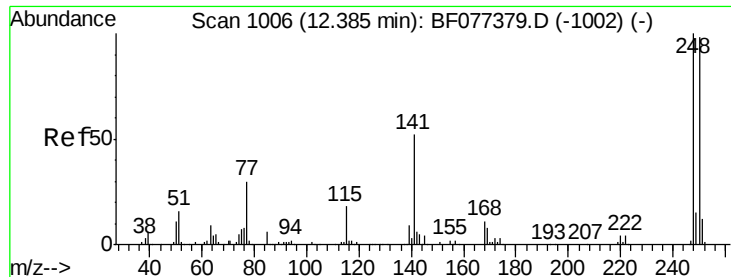


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

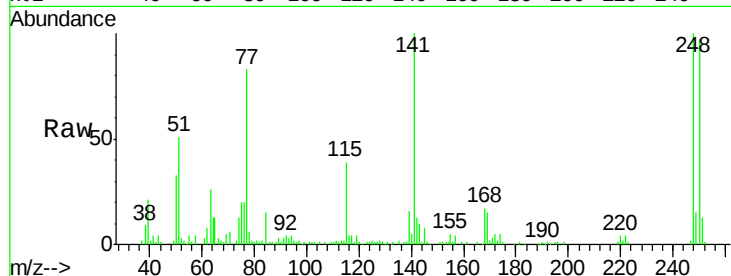




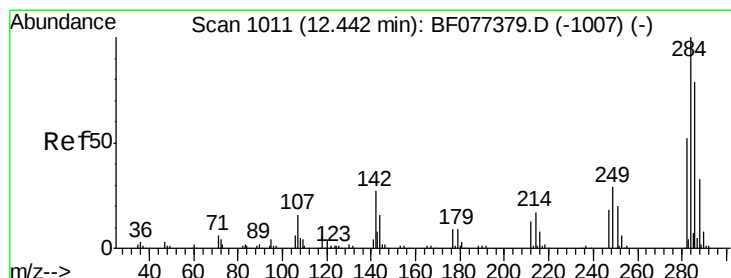
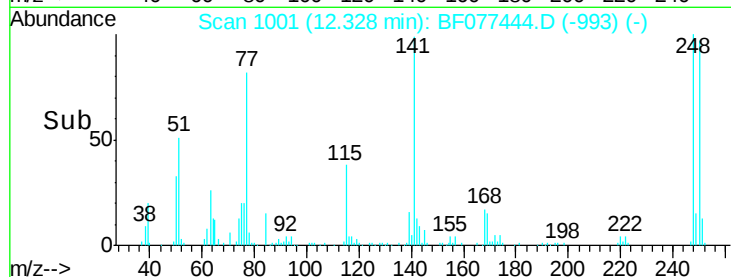
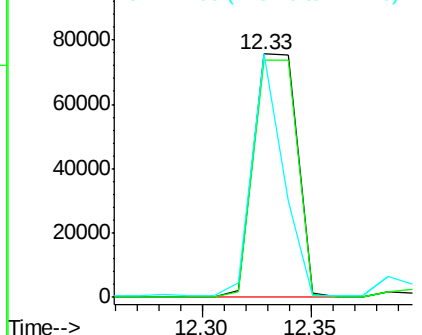
#66
 4-Bromophenyl-phenylether
 Concen: 24.31 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

Tgt Ion:248 Resp: 105740
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.0 117.0
 141 100.2 54.1 81.1#

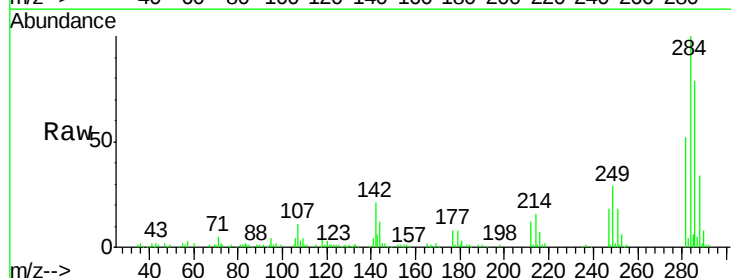


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

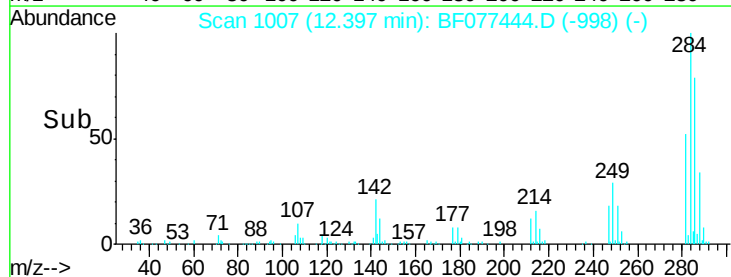
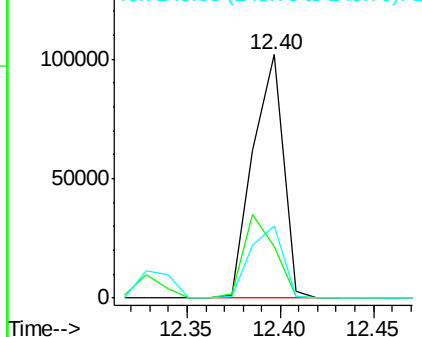


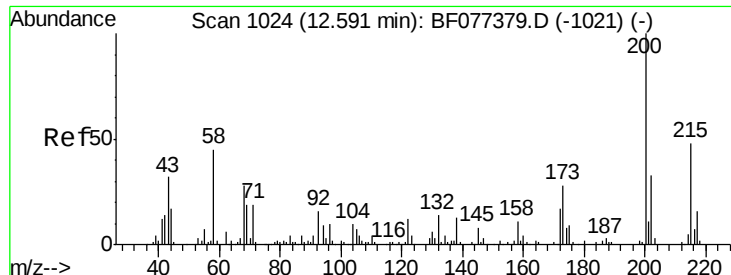
#67
 Hexachlorobenzene
 Concen: 24.69 ng
 RT: 12.40 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion:284 Resp: 115297
 Ion Ratio Lower Upper
 284 100
 142 21.4 31.6 47.4#
 249 29.4 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

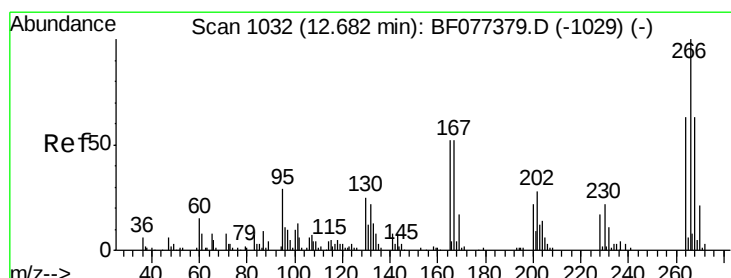
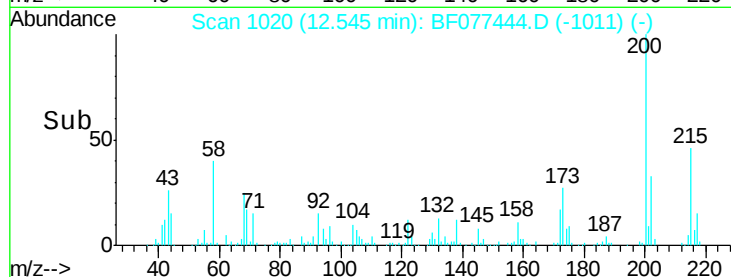
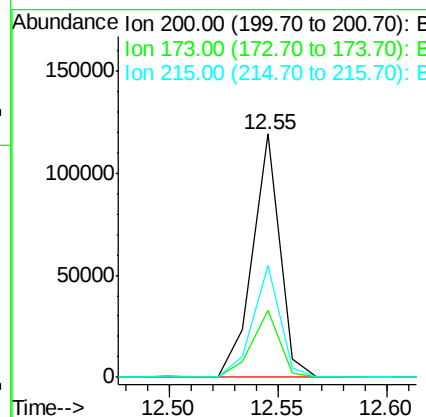
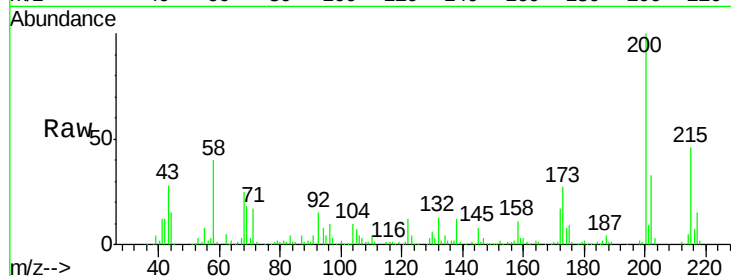




#68
 Atrazine
 Concen: 26.02 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

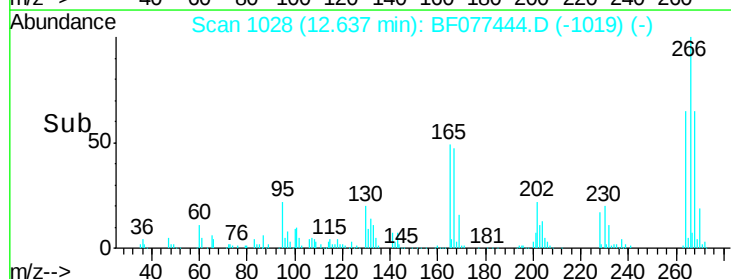
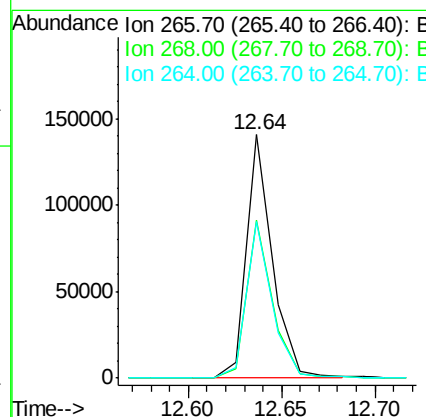
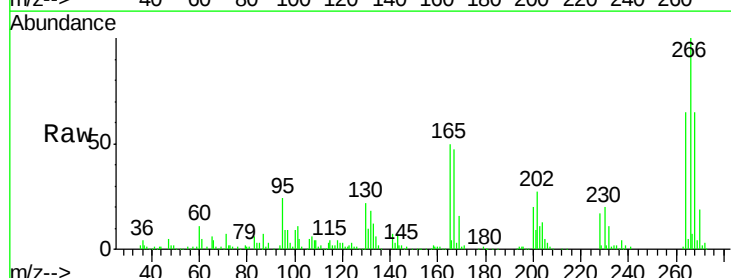
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

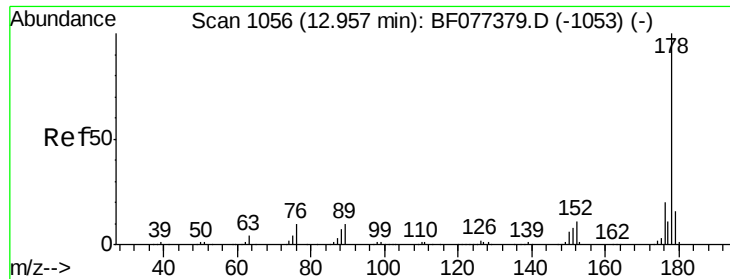
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.6	49.6
215	45.8	24.4	64.4



#69
 Pentachlorophenol
 Concen: 55.55 ng
 RT: 12.64 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.2	76.8
264	64.5	50.7	76.1





#70

Phenanthrene

Concen: 25.88 ng

RT: 12.91 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

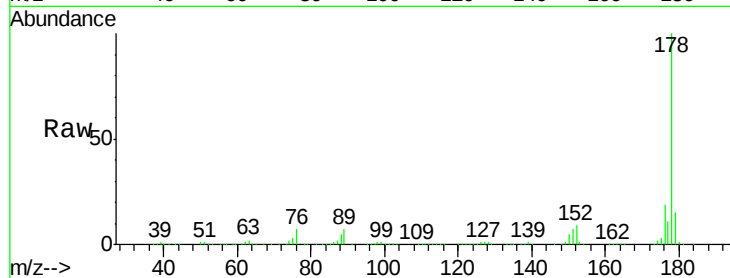
Tgt Ion:178 Resp: 557206

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

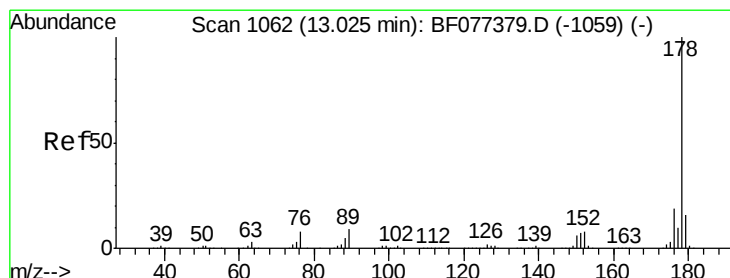
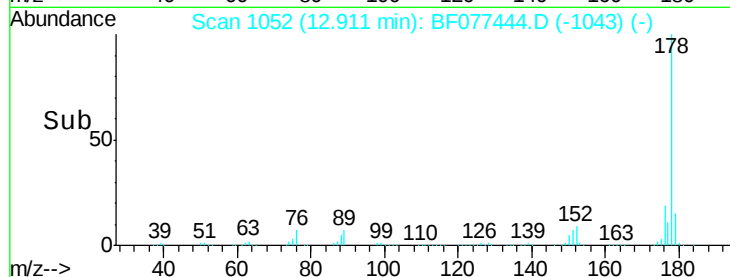
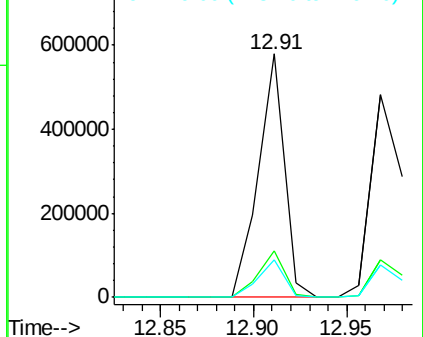
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 25.68 ng

RT: 12.97 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

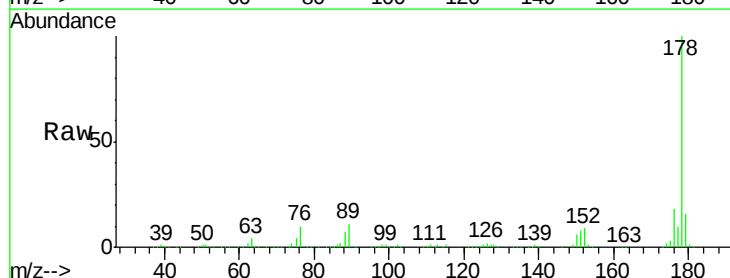
Tgt Ion:178 Resp: 548703

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

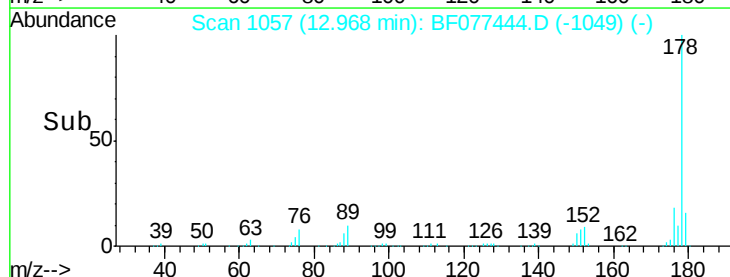
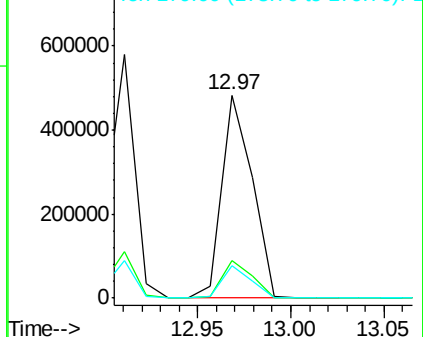
179 16.0 12.9 19.3

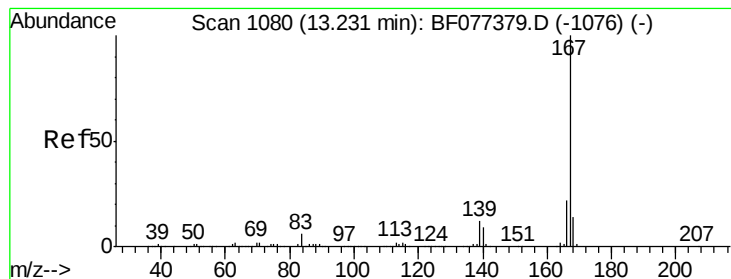


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.72 ng

RT: 13.17 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

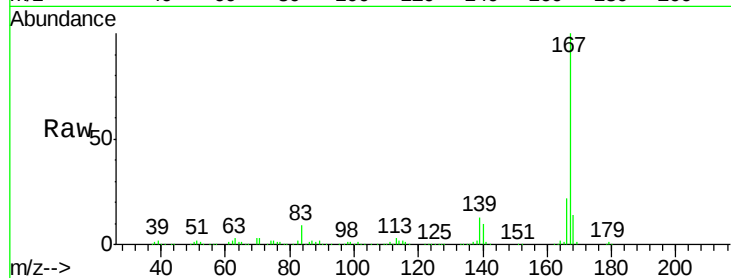
Tgt Ion:167 Resp: 522619

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

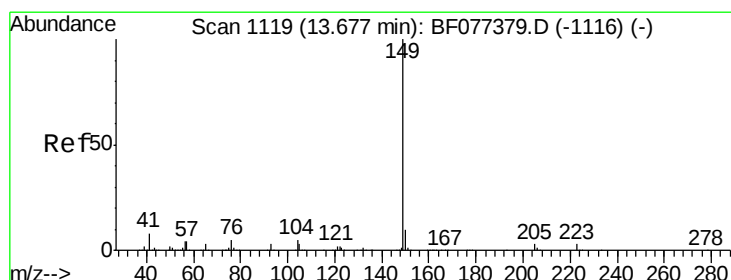
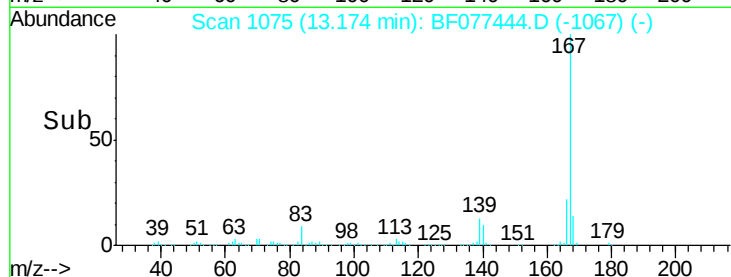
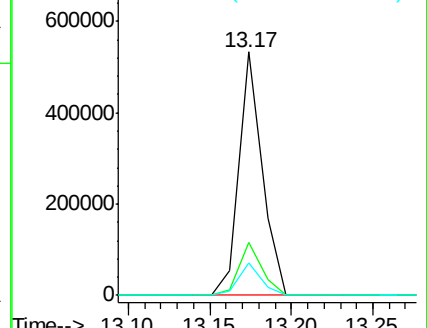
139 13.2 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 25.33 ng

RT: 13.63 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

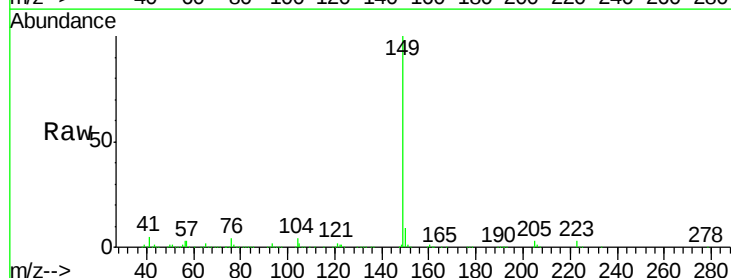
Tgt Ion:149 Resp: 604429

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

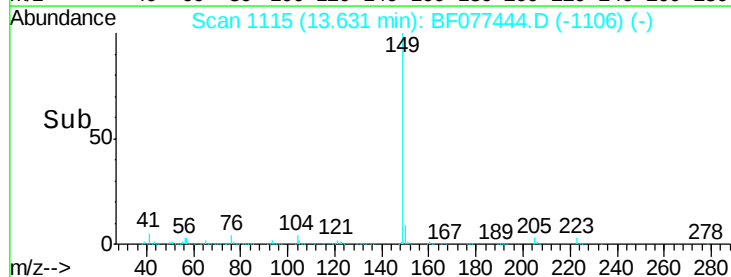
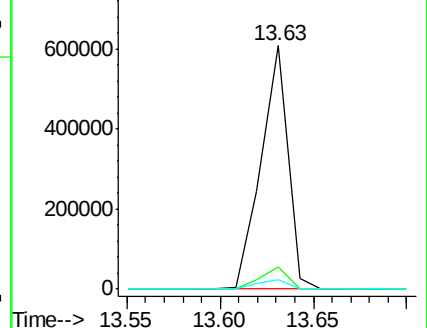
104 4.1 4.1 6.1

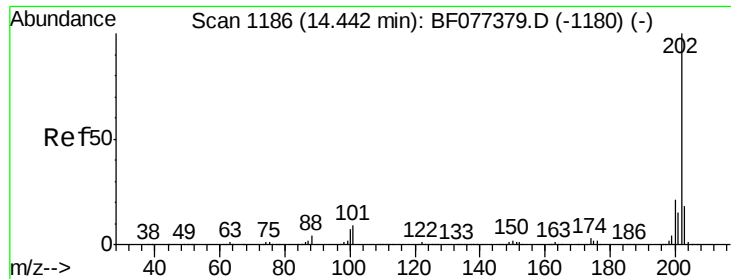


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

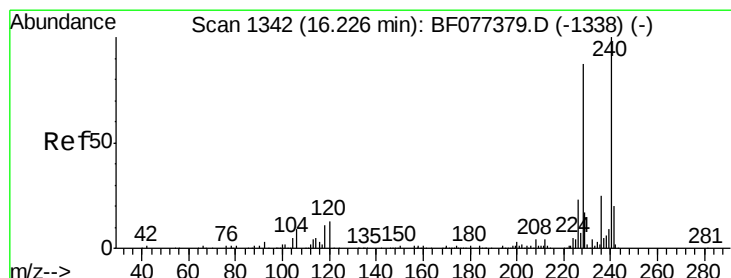
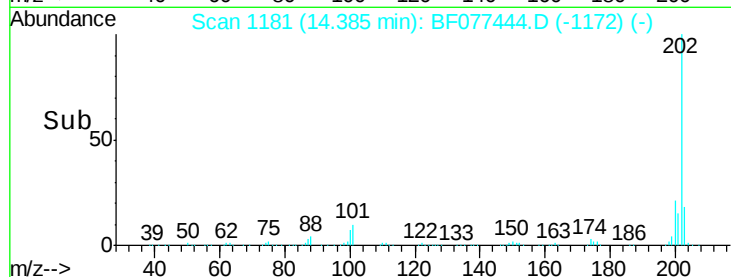
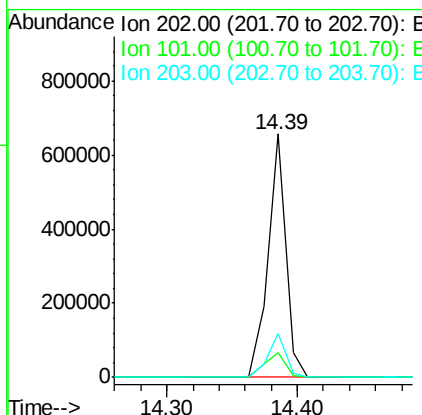
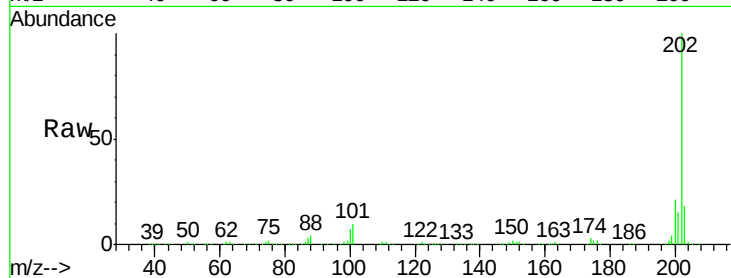




#74
 Fluoranthene
 Concen: 26.85 ng
 RT: 14.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

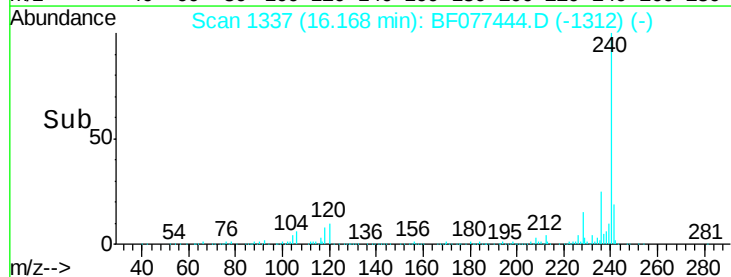
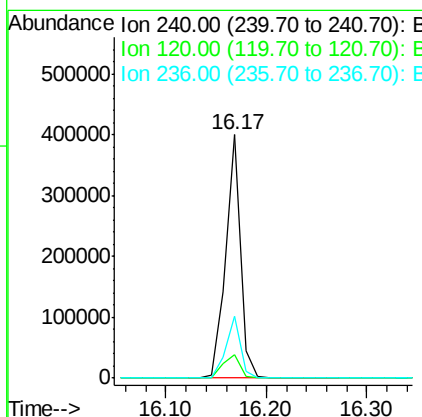
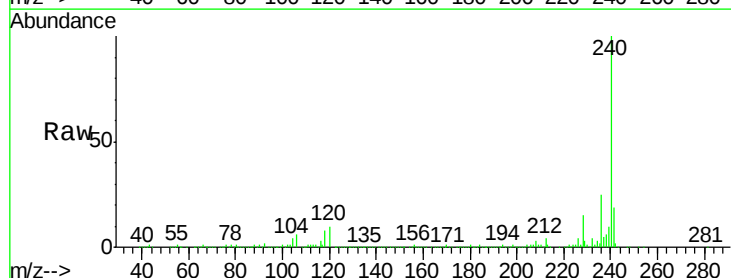
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

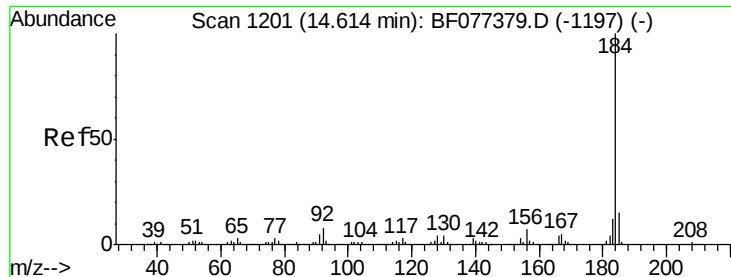
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	631535		
101	10.2	0.0	30.8	
203	17.9	0.0	37.7	



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	409977		
120	9.6	8.8	13.2	
236	25.2	20.7	31.1	

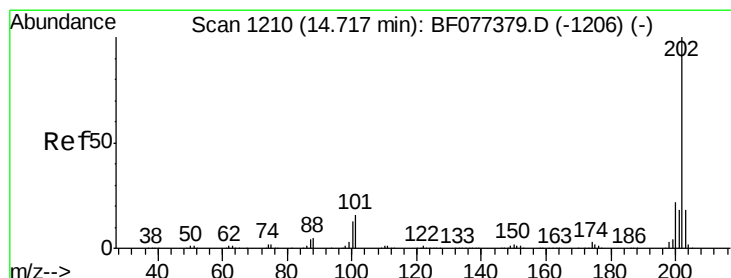
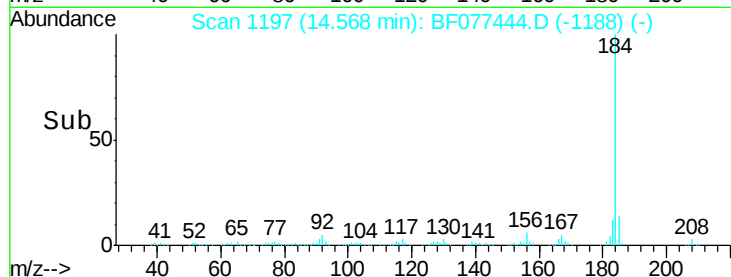
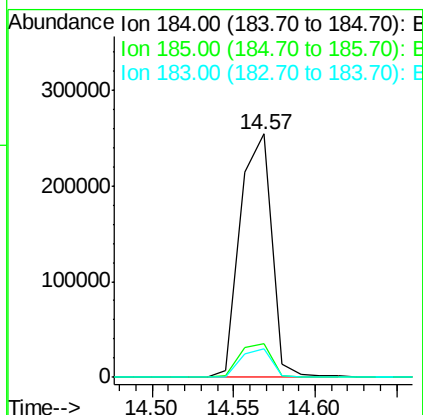
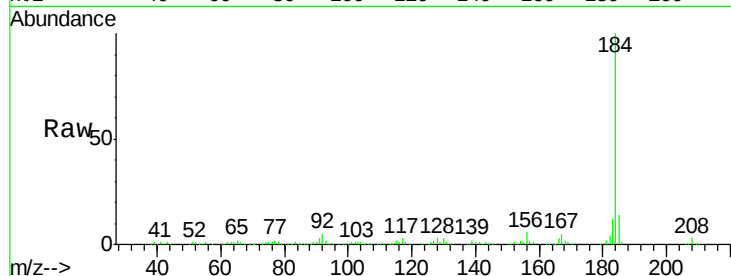




#76
Benzidine
Concen: 24.53 ng
RT: 14.57 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

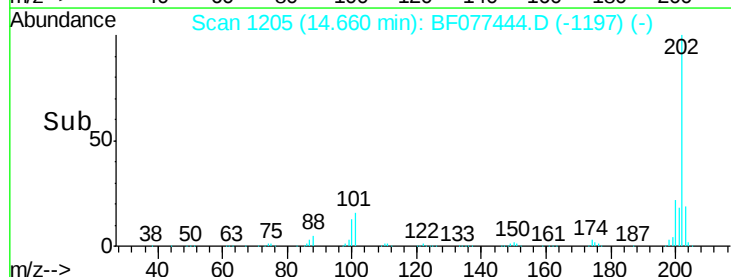
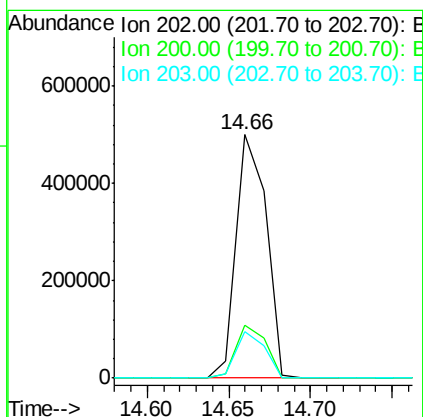
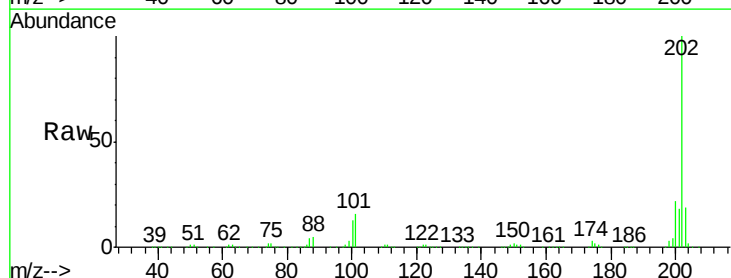
Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

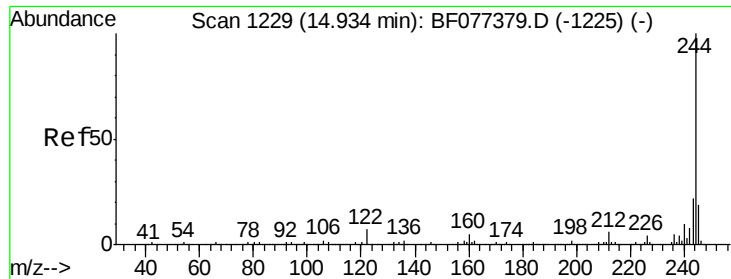
Tgt Ion:184 Resp: 339794
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.6 9.3 13.9



#77
Pyrene
Concen: 25.43 ng
RT: 14.66 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion:202 Resp: 637722
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 18.9 14.2 21.2

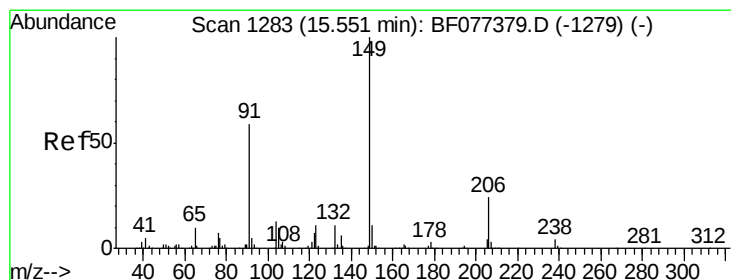
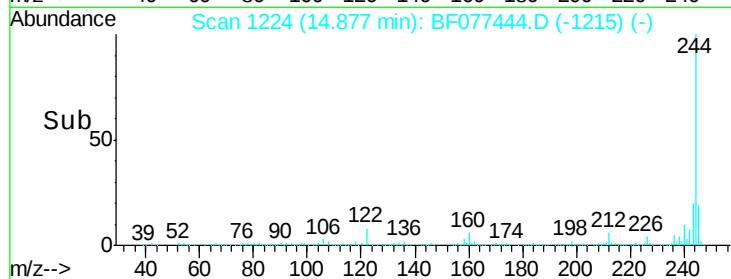
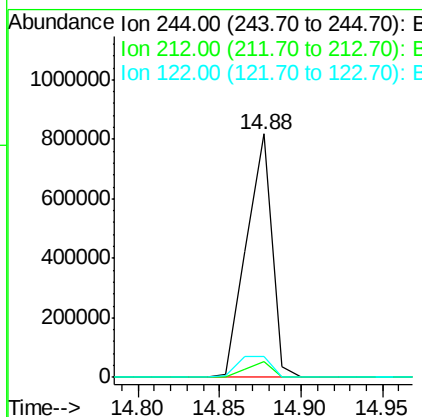
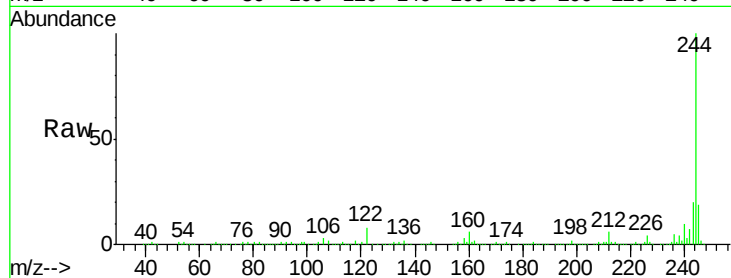




#78
 Terphenyl-d14
 Concen: 50.48 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

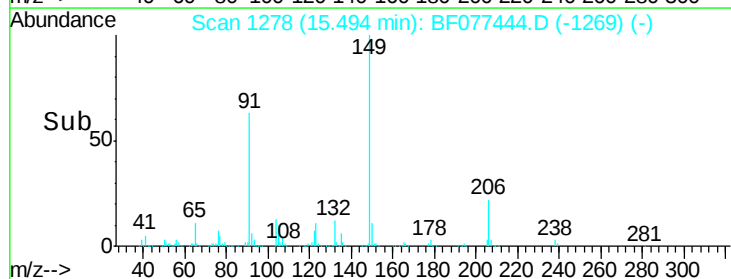
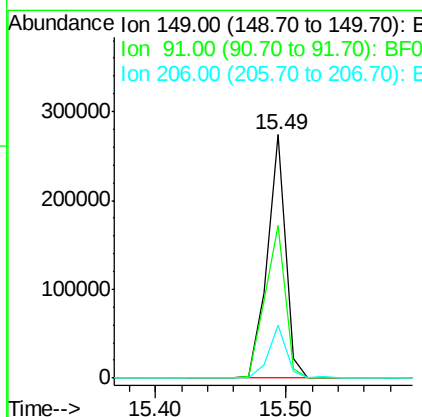
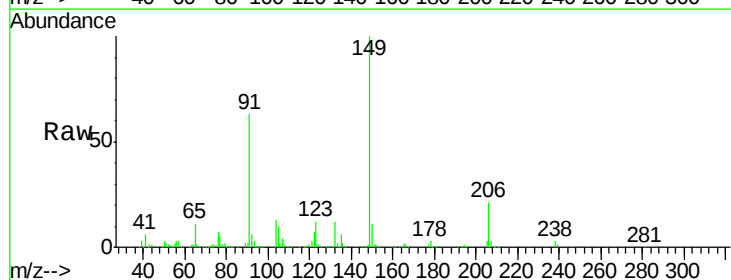
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5MSD

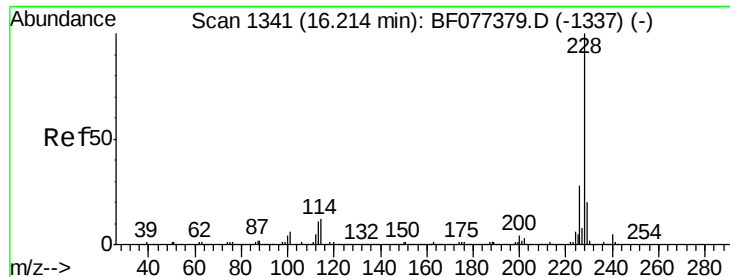
Tgt Ion: 244 Resp: 885327
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 8.4 7.8 11.8



#79
 Butylbenzylphthalate
 Concen: 26.37 ng
 RT: 15.49 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF077444.D
 Acq: 25 Feb 2015 20:15

Tgt Ion: 149 Resp: 272038
 Ion Ratio Lower Upper
 149 100
 91 62.7 51.2 76.8
 206 21.5 17.8 26.8





#80

Benzo(a)anthracene

Concen: 26.17 ng

RT: 16.16 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

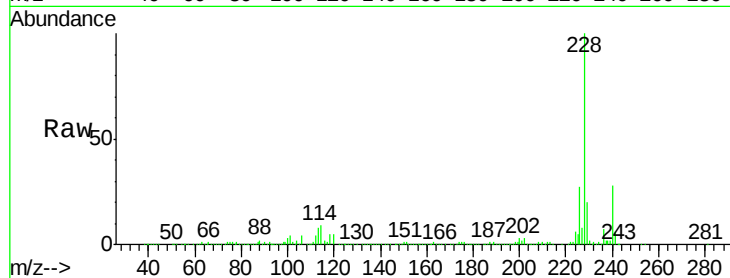
Tgt Ion:228 Resp: 628731

Ion Ratio Lower Upper

228 100

226 26.8 22.0 33.0

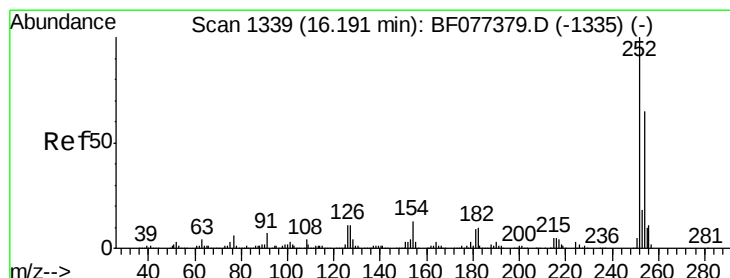
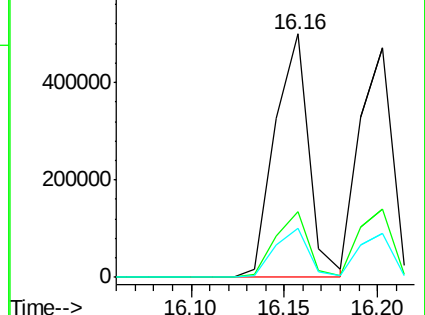
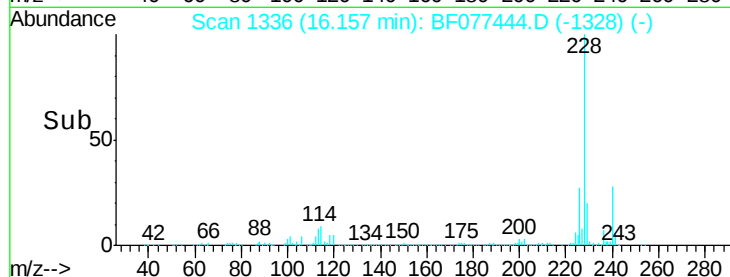
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 19.45 ng

RT: 16.13 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

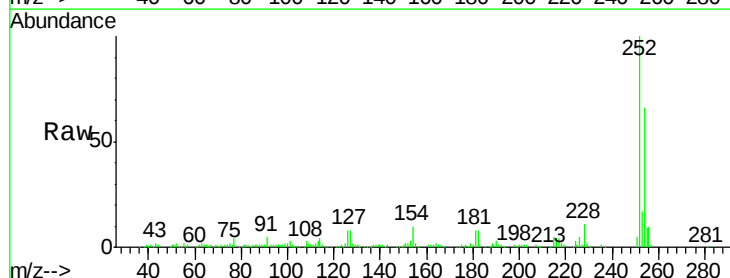
Tgt Ion:252 Resp: 171208

Ion Ratio Lower Upper

252 100

254 66.0 52.9 79.3

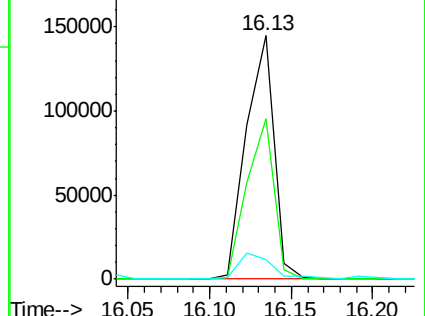
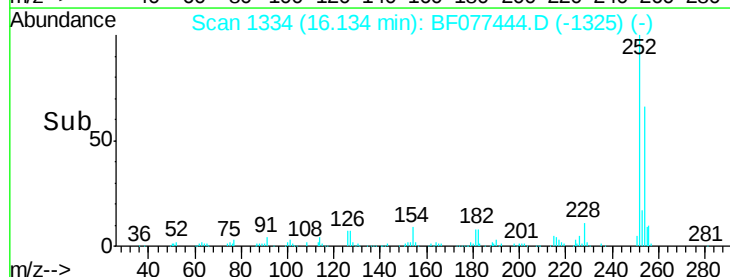
126 7.8 7.3 10.9

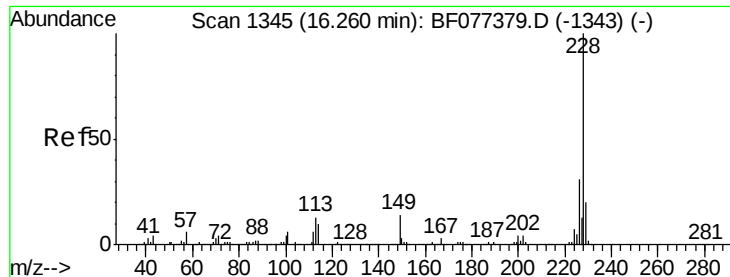


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 25.04 ng

RT: 16.20 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5MSD

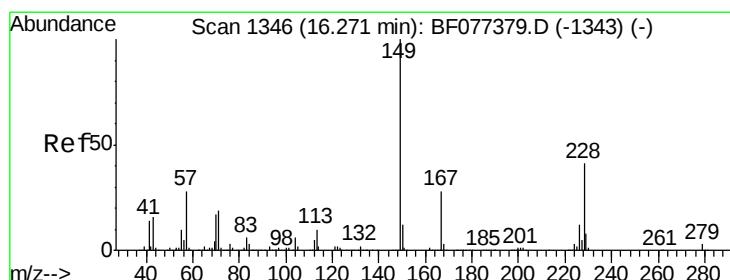
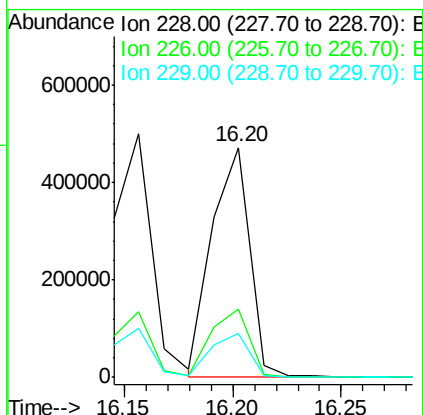
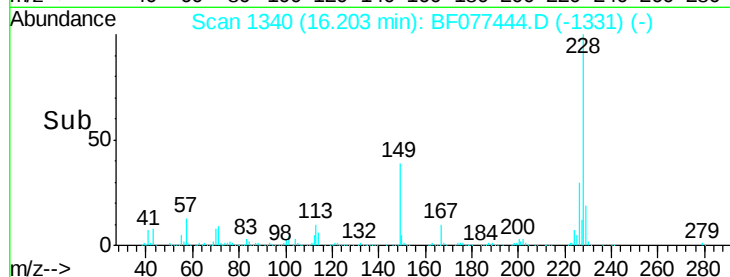
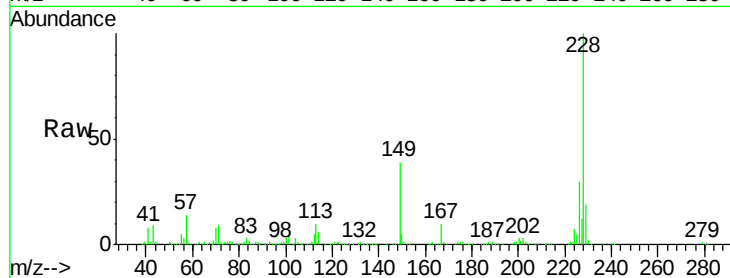
Tgt Ion:228 Resp: 565026

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

229 18.9 16.4 24.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.87 ng

RT: 16.21 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF077444.D

Acq: 25 Feb 2015 20:15

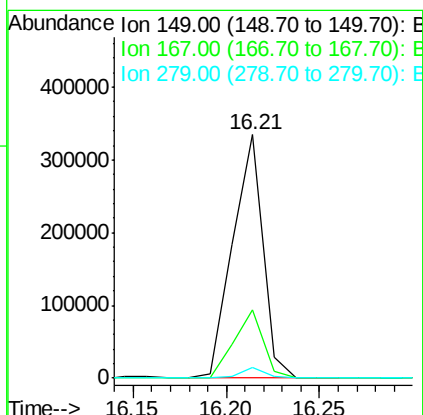
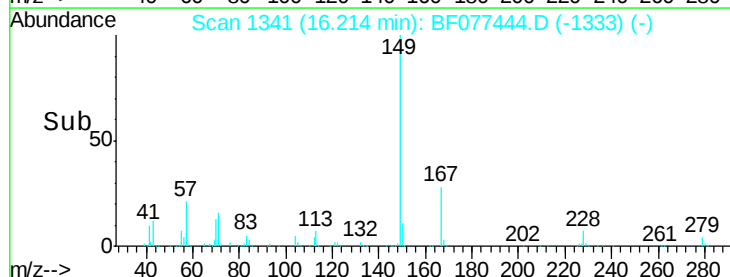
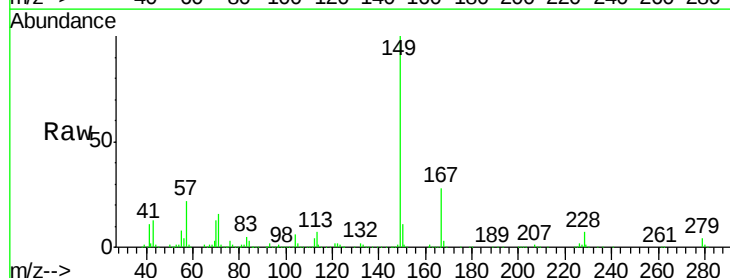
Tgt Ion:149 Resp: 378353

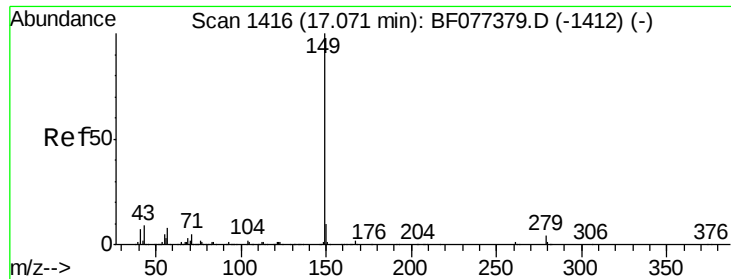
Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

279 4.3 3.8 5.6

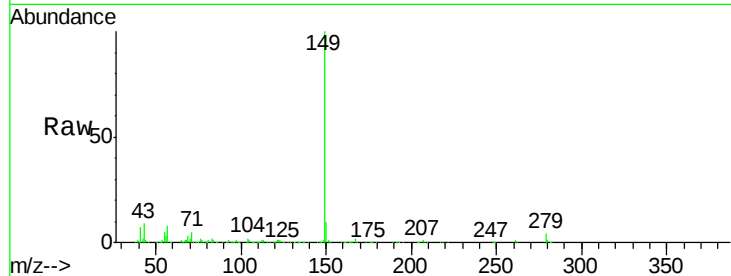




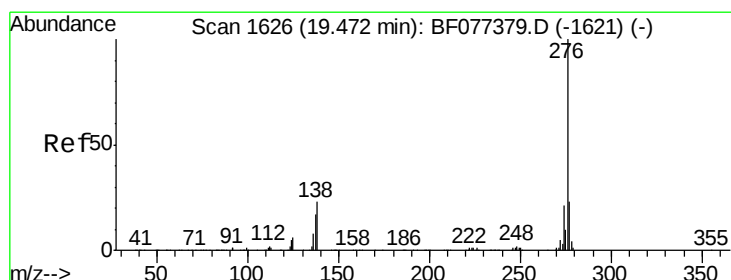
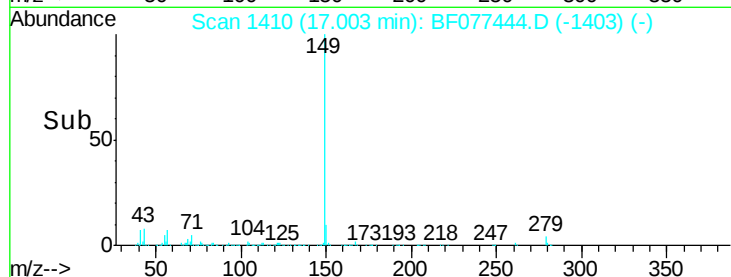
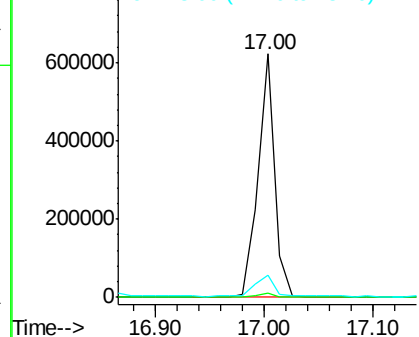
#84
Di-n-octyl phthalate
Concen: 24.03 ng
RT: 17.00 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.9	8.1	12.1

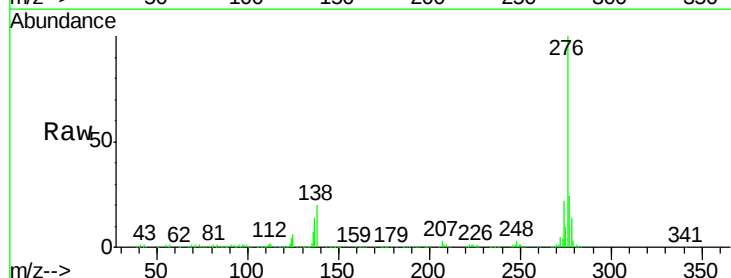


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

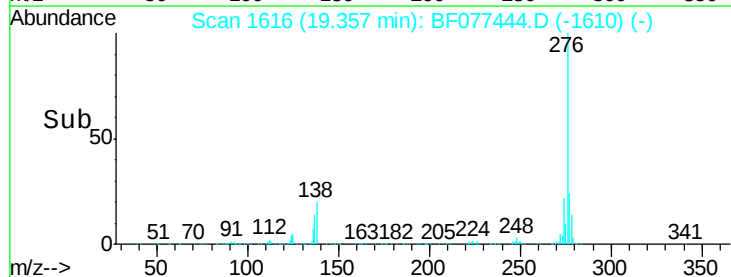
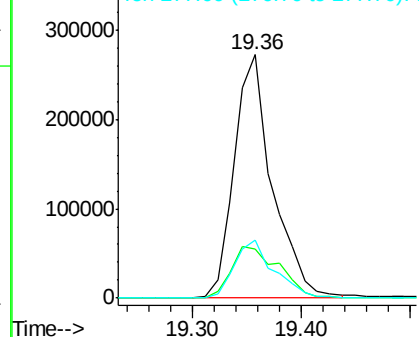


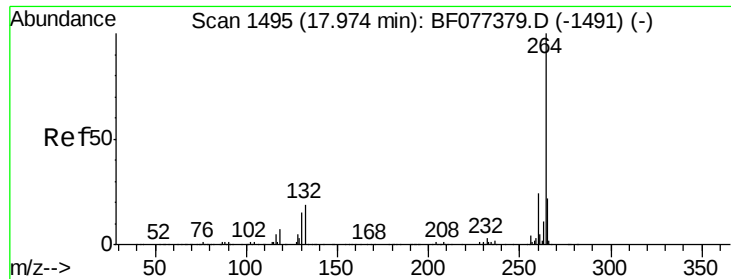
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.68 ng
RT: 19.36 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.2	31.8
277	25.1	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

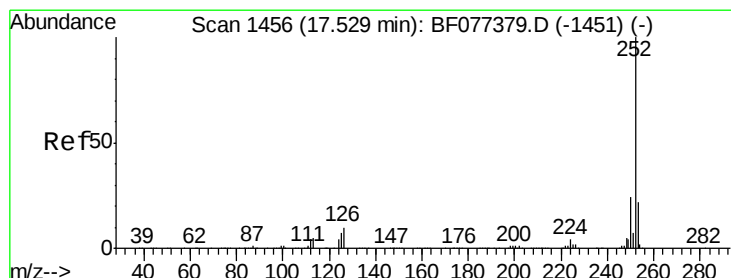
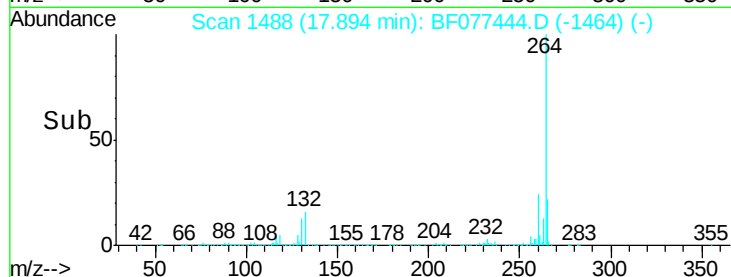
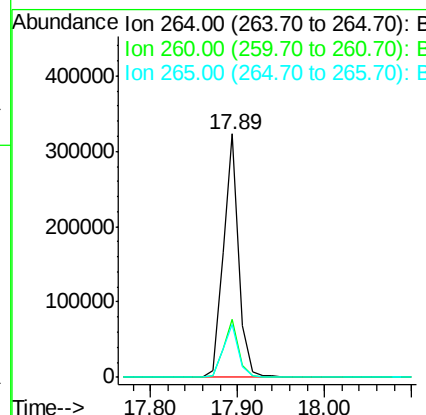
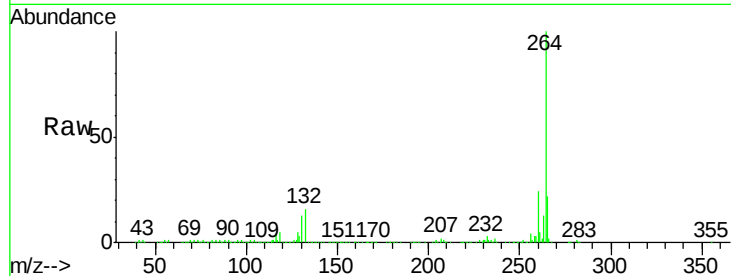




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5MSD

Tgt Ion: 264 Resp: 399655
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.8 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 25.21 ng
RT: 17.45 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF077444.D
Acq: 25 Feb 2015 20:15

Tgt Ion: 252 Resp: 585860
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.8 5.4 8.2#

